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brary

Part Two—Journal of the
American Water Works Association

Vol. 34 June 1942 No. 6

JUN 15 1942

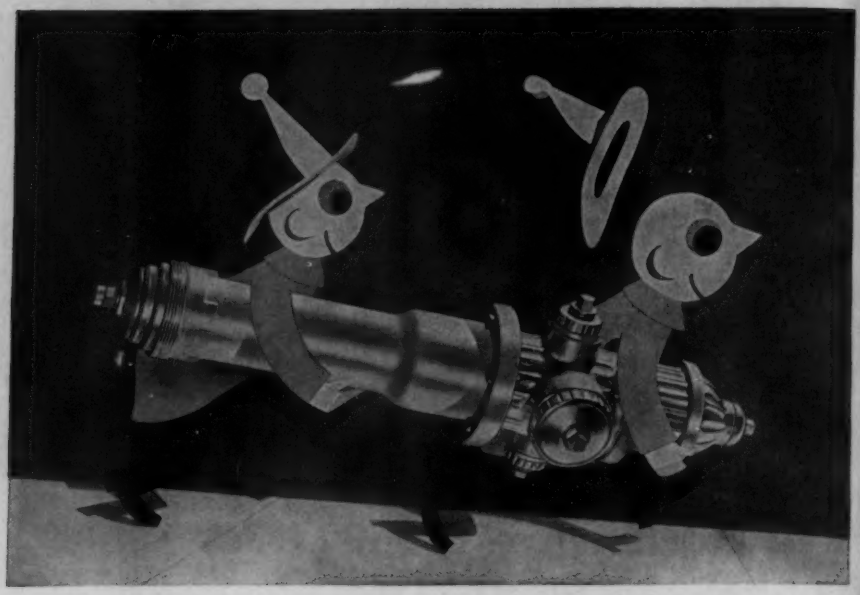
# MEMBERSHIP DIRECTORY

## COMMITTEES

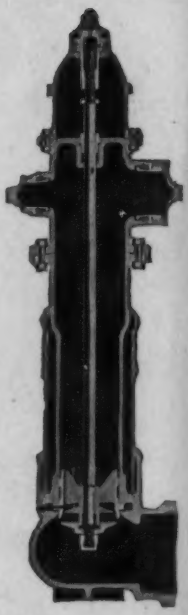
## CONSTITUTION AND BY-LAWS

## Index of Water Works Products and Services With Member Producers and Distributors

AMERICAN WATER WORKS ASSOCIATION
22 E. 40th St., New York, N. Y.




## "WE NEVER DIG—
## OUR HYDRANTS ARE MATHEWS"



Traffic smash? Check a drain valve? Street being lowered? General overhaul? You never order out the pick-and-shovel crew to service any Mathews Hydrant. Just unscrew the entire barrel from the elbow, lift it out through the loose protection case, and go to work. Replace it with a spare barrel if you wish. It's easy as changing a tire, for barrels are interchangeable and contain *all* working parts, including main and drain valve seats. Think of the labor savings! Think of the added fire protection! Think of Mathews Hydrants in these days of air raids.

# MATHEWS HYDRANTS

*Made by R. D. WOOD Company*

400 CHESTNUT STREET, PHILADELPHIA, PA.

ESTABLISHED IN 1803

Part Two—Journal of the
American Water Works Association

Vol. 34 June 1942 No. 6

# MEMBERSHIP DIRECTORY

## COMMITTEES

## CONSTITUTION AND BY-LAWS

## Index of Water Works Products and Services With Member Producers and Distributors

AMERICAN WATER WORKS ASSOCIATION
22 E. 40th St., New York, N. Y.

*Made in United States of America*

## *Planning a Pressure Pipe Line?*
# CONSULT A CO-EFFICIENCY EXPERT

*He'll tell you:*

"To maintain a permanently high carrying capacity your best pipe line investment lies in concrete."

And your first choice would naturally be Lock Joint Reinforced Concrete Pipe. Its dense, concrete walls form an unrelentingly smooth line of defense against Tuberculation and Corrosion, the aggressive surface diseases that with time attack and cripple most water supply lines. Tuberculation and Corrosion cannot leave their mark on Lock Joint's moulded concrete, cannot impair the hydraulic efficiency of these pipes.

Lock Joint Pipe does maintain a high carrying capacity for life but its very construction and design insure longer life, longer serviceability. Encased within the protective coat of concrete lies a water-tight steel cylinder, reinforced by encircling steel bars. This is the backbone, these are the ribs that enable each Lock Joint Pipe to withstand indefinitely the forces of pressure, weight and shock. A more useful life—and a longer one!

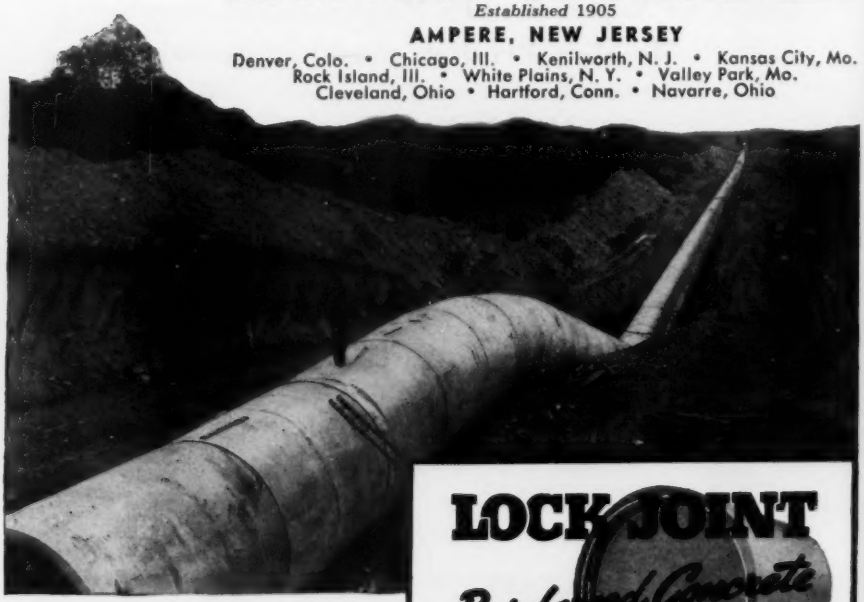
Whether your project is large or small, your 'phone call, telegram, cable or letter to any of our offices will bring an immediate response.

**LOCK JOINT PIPE COMPANY**

*Established* 1905

**AMPERE, NEW JERSEY**

Denver, Colo. • Chicago, Ill. • Kenilworth, N. J. • Kansas City, Mo.
Rock Island, Ill. • White Plains, N. Y. • Valley Park, Mo.
Cleveland, Ohio • Hartford, Conn. • Navarre, Ohio



**SCOPE OF SERVICES**

*Lock Joint Pipe Company specialize in the manufacture and installation of Reinforced Concrete Pressure Pipe for Water Supply Mains as well as Concrete Pipe of all types for Sanitary Sewers, Storm Drains, Culverts and Subaqueous lines.*

**LOCK JOINT**
*Reinforced Concrete*
**PRESSURE PIPE**

Eng. Lib
Direct

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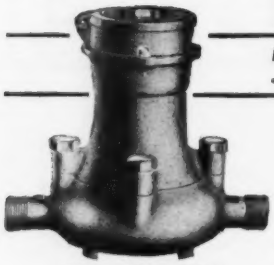
*To keep this directory up to date, there will be published in each issue of the* JOURNAL *a record of changes in membership and of changes in addresses and titles of members. Members can co-operate in keeping this record accurate by forwarding such information promptly to Association headquarters.*

1892
1942

# *Trident* WATER METERS

***LONG LIFE . . . ACCURACY . . . EASE OF HANDLING . . . LOW REPAIR PARTS INVENTORY (Interchangeability)***



SPLIT CASE TYPE

## TRIDENT DISC METERS

**Better adapted to domestic and house service requirements than any other type or design, because of utmost accuracy on low flows. Made in Split Case type for ordinary locations; and Frost-Proof type, with breakable bottom cap, for use where there is danger from frost.**

## STYLE 3 DISC METERS

**For use on medium class service, between ordinary house outlet and service requiring constantly a great volume of water. Very accurate on low flows, but also capable of handling larger volumes.**

**A "Delivery Adjustment," whereby delivery can be regulated in relation to line pressure, is provided on the 1½" and 2" sizes. This protects against wear in bearings and inaccurate registration caused by "racing" due to excessive pressure.**

## CREST METERS

**Velocity or inferential type. For continuous high rates of flow. A turbine or propeller revolved by flow of water at speed directly proportional to rate.**

**Recognized as the most accurate, durable and sensitive of the several types of turbine meters.**

## COMPOUND METERS

**Meet dual conditions of service requiring accurate measurement.**

**Housed in a single cast-iron casing. A standard Crest Meter measures large flows. A standard Trident Disc Meter measures small flows which cannot accurately be recorded by the large meter. Automatically controlled valve, positively regulated by rate of flow, opens and closes main conduit.**

## PROTECTUS METERS

**Designed for use on fire service lines which at times may be used for other purposes. Fully meets Underwriters' requirements for minimum loss of head and reliability of operation.**

**All parts in a single cast-iron housing. Low flows measure through a standard Trident Disc meter; large, or fire-service flows, through a standard Trident Crest meter. Open waterway same size as pipeline.**

## NEPTUNE TEST BENCHES

**Simple, compact, designed to test accurately water meters from ⅝" to 2" sizes of all types and makes. Made in 5 sizes. Consist of test bench with two calibrated tanks — a 1 cu. ft. and 10 cu. ft. tank, or a 10 gal. and a 100 gal. tank. Tests by rate of flow in gallons per minute. Special operating features make for great ease of handling and accuracy of results.**

***Ask your Trident representative regarding a meter testing program to reduce operating costs and conserve water***

# NEPTUNE METER COMPANY

## 50 WEST 50th STREET, NEW YORK

***BRANCH OFFICES:***

ATLANTA, GA.
254 Spring Street, N.W.

BOSTON, MASS.
250 Stuart Street

CHICAGO, ILL.
130 North Jefferson Street

DALLAS, TEX.
2014 Commerce Street

DENVER, COLO.
1700-15th Street

KANSAS CITY, MO.
2107 Grand Avenue

LOUISVILLE, KY.
815 West Market Street

LOS ANGELES, CAL.
701 East Third Street

PORTLAND, ORE.
1519 N.W., Johnson Street

SAN FRANCISCO, CAL.
320 Market Street

***AGENCIES:***

SALT LAKE CITY, UTAH
Water Works Equipment Co.
149 W. 2nd South Street

SPOKANE, WASH.
Hughes & Company
Howard Near Railroad Avenue

CINCINNATI, OHIO
Neptune Equipment Co.
304 East 8th Street

## NEPTUNE METERS, LTD.

***MAIN OFFICE AND FACTORY:***

LONG BRANCH (near Toronto) ONTARIO

***AGENCIES:***

WINNIPEG
Walsh and Charles
406 Tribune Building

ST. JOHN, N. B.
Jas. Robertson & Co.

VANCOUVER, B. C.
Gordon & Belyea Co., Ltd.
101 Powell Street

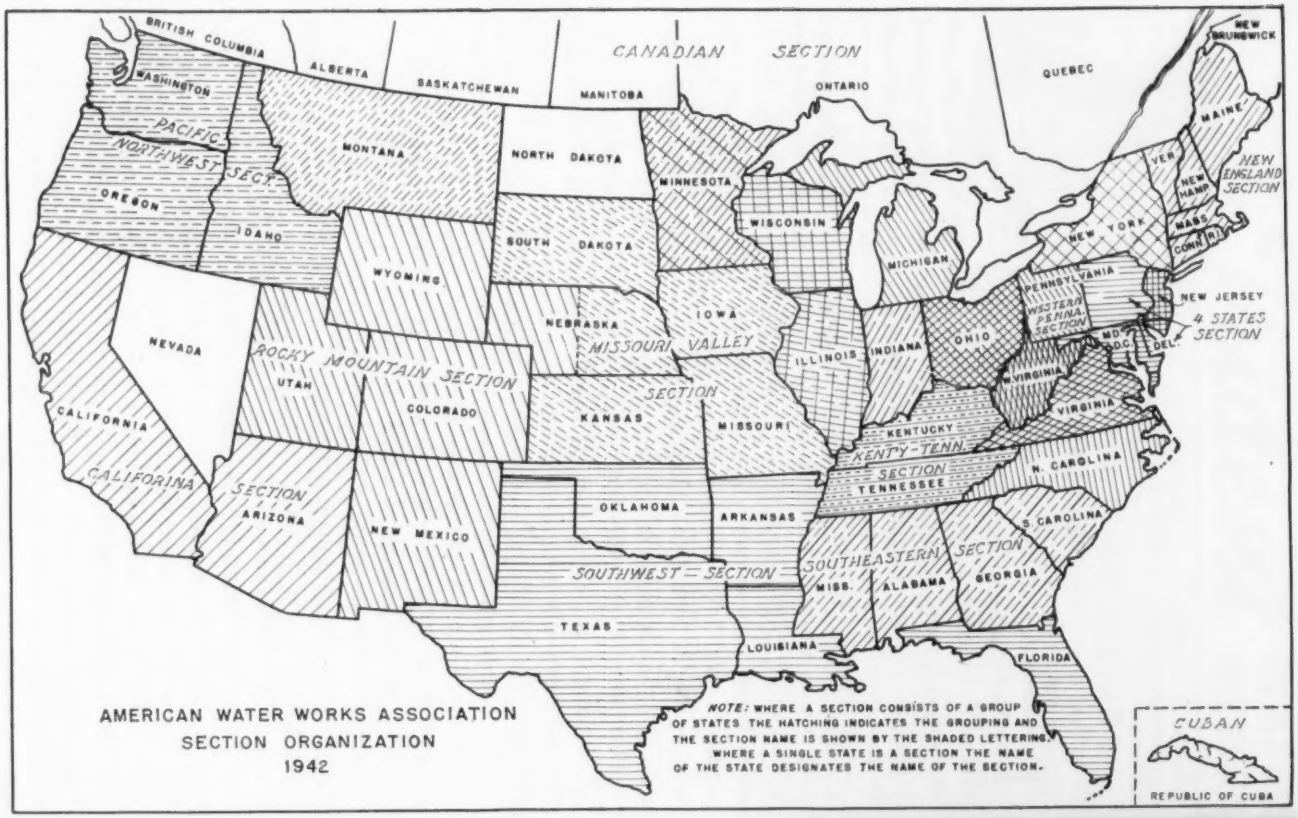
# INTRODUCTION

THE American Water Works Association was organized in 1881 to "advance the knowledge of the design, construction, operation and management of water works." Its activities in part are developed through regional or state Sections, in part through general Divisions, in part through technical committees and in part through its monthly JOURNAL.

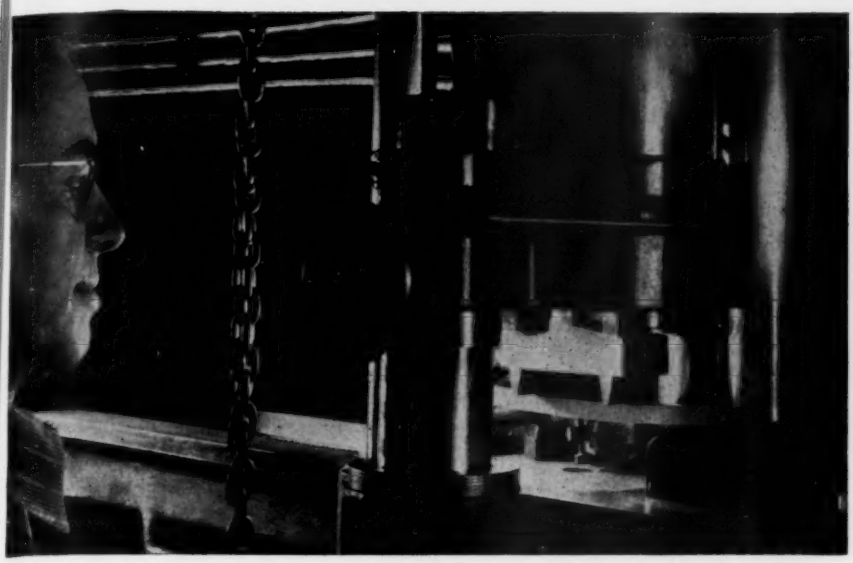
There are at present 25 regional or state Sections. The largest ones are in California and New York. Each Section has at least one meeting each year with attendance totals ranging from 100 to more than 1,000 persons interested in the field. Papers are presented; round table discussions are held; tests are made; exhibits frequently are available—all designed to improve water works design and management in the Section area.

There are three professional Divisions of the Association: Plant Management and Operation, Water Purification, and Finance and Accounting. The programs at the annual convention of the Association are built around the activities of these Divisions.

The technical work of the Association is organized under the Committee on Water Works Practice. This is a group of fifteen men, selected so as to provide a cross section of the Association's field of interest, in the persons of leaders in the field. No technical pronouncements in the name of the Association are made until they are accepted by this committee and approved by the Board of Directors. Recent products of technical activities within the Association are: Standard Specifications for Elevated Steel Water Tanks, Standpipes and Reservoirs; Standard Specifications for Fire Hydrants for Ordinary Water Works Service; Tentative Specifications for Sluice Gates; and Tentative Specifications for Cold Water Meters—Displacement Type. The Water Works Practice Committee's Sub-Committee 7J—Distribution System Safety has a Tentative Manual published in the June 1942 JOURNAL; and the Water Purification Division's Committee on Specifications for Filtering Material has a report in a late stage of committee consideration.




AMERICAN WATER WORKS ASSOCIATION
SECTION ORGANIZATION
1942



*The "Talbot Strip Test," illustrated above, is an acceptance test for cast iron pipe. The modulus of rupture and secant modulus of elasticity are determined from this test, made on a strip cut from the wall of a pipe. It is one of the routine tests made by this Company to insure that the quality of its pipe meets or exceeds the requirements of accepted standard specifications for cast iron pipe. *United States Pipe and Foundry Co., General Offices: Burlington, New Jersey.* Sales Offices in Principal Cities.

**U.S.**
**cast iron**
**PIPE**

Centrifugally or Pit Cast for water, gas, sewerage, drainage and industrial services.

*** One of a series of controls in operation at each of our plants, beginning with inspection and analysis of raw materials and ending with tests of the finished product, all subject to the central control of our headquarters staff at Burlington.**

A complete list of A.W.W.A. publications is given beginning on page *52* at the back of this *Directory*.

The JOURNAL of the A.W.W.A. is a monthly publication which totals 2,100 pages per year. In it are found the papers and reports on water works subjects deemed to have permanent or major value to the field. About 300 pages annually are given over to abstracts of articles the world over which relate to all phases of water works affairs. No comparable cross section of data exists elsewhere. An Index of Association publications for the years 1881 to 1939 is available.

Many of the Association's Sections hold each year one or more water works schools (conferences or in-service training institutes) and several cooperate in the procedure within their states which licenses the operators of water treatment plants. This is done in order to insure to the various communities as permanent and well-trained personnel as can be provided.

The Association maintains headquarters at 22 East 40th Street, New York, N. Y., with a full time staff of eight persons available for conference or correspondence upon matters of general water works interest.

## LOCAL SECTIONS

There have been established twenty-five Local Sections, under the provisions of Article VII of the Association's By-Laws. Each of these Sections consists of the Association members who reside in the territory embraced by that Section. These Sections with the territory and the number of members in each are enumerated in this book on pages *18* and *19*.

Each Local Section has its own officers, as listed each month in the front of the JOURNAL of the American Water Works Association. These officers are all selected by the Section itself under the provisions of the By-Laws of that Section. One of these officers is a member selected to represent his Section on the Board of Directors of the American Water Works Association, in accordance with Articles III and IV of the Association's Constitution.

The Local Sections each hold one or more meetings during the year, their practice in this respect, as well as the conduct of all of their business, being adapted to meet best the needs of their respective territories. Papers presented at the Local Section meetings are drawn upon for publication in the JOURNAL of the Association, the same as are papers presented at the Annual Convention of the Association.

Each member and affiliate of the American Water Works Association is automatically a member of the Section in whose territory he resides, and there are no membership dues other than the regular Association dues, each Section receiving its funds from the Association.

## NATIONAL DIVISIONS

In accordance with the provisions of Article VII of the Association's By-Laws, the Board of Directors has established three National Divisions consisting of groups of the members who are particularly interested in certain branches of the water supply industry.

*The Water Purification Division:* This Division was organized originally as the Chemical and Bacteriological Section in 1913. The present name was adopted in 1925. The objects of this Division in particular are: the advancement of the science and art of water purification; the stimulation of research in the physical, chemical and bacteriological fields as related to the causes and effects of pollution and to methods of purification; and the promotion of progress in the design, construction and operation of water purification works.

*The Plant Management and Operation Division:* This Division was established in 1924. The objects of this Division, as stated in its By-Laws, are the same as those of the Association, namely, the advancement of knowledge of the design, construction, operation and management of water works and the encouragement, by social intercourse among its members, of a friendly exchange of information and experience.

*The Finance and Accounting Division:* This Division was established in 1929. Its objects are stated to be the same as those of the Association, and are particularly related to the accounting and financial operations incident to the operation of water works.

Any Active or Junior Member or Affiliate of the American Water Works Association may become a member of any one or more of these Divisions upon request, and with no further dues. The principal activities of the Divisions take place during the Annual Convention of the Association, at which time a number of the technical sessions are held under the auspices of the Divisions. Each of such meetings is presided over by the officers of the Division concerned and the subjects of discussion are those in which that Division is interested. The Divisions may also appoint committees for study, research and report upon subjects of interest to them. These committees act under the general supervision of the Association's standing Committee on Water Works Practice.

# *Specify* Rotovalves *for*

## *Maximum Operating Advantages*

CONSULTING ENGINEERS, Officials and all other Waterworks men, regardless of how simple or complicated your problem is, you'll find your solution in SMITH ROTOVALVES!

For here is a cone valve design in which the plug:

> lifts, rotates and seats . . . assures through, unobstructed flow . . . provides minimum loss, as the loss through a Rotovalve, when open, is no greater than it is through a pipe of equal diameter and length . . . is obtainable in sizes and with control mechanisms meeting a wide range of services . . . may be operated by either manual or hydraulic means, or combined motor and manual mechanism as shown . . . supplies quick, positive operation!

The swing to Smith Rotovalves is unmistakable, as proven by installations in modern water works and new systems for Plants producing war materials. Specify SMITH ROTOVALVES in your next job!

**S. MORGAN SMITH COMPANY YORK, PA.**

# CONVENTIONS AND PAST PRESIDENTS

*The President's term of office ends on the last day of the convention.*

| | | | |
|---|---|---|---|
| 1 | St. Louis, Mo. | March 29–31, 1881 | *John T. Foster |
| 2 | Columbus, Ohio | March 14–16, 1882 | *John T. Foster |
| 3 | Buffalo, N. Y. | May 15–17, 1883 | *John T. Foster |
| 4 | Cincinnati, Ohio | April 15–17, 1884 | *John G. Briggs |
| 5 | Boston, Mass. | April 21–23, 1885 | *L. H. Gardner |
| 6 | Denver, Colo. | June 23–25, 1886 | *Peter Milne, Jr. |
| 7 | Minneapolis, Minn. | July 13–15, 1887 | *B. F. Jones |
| 8 | Cleveland, Ohio | April 17–19, 1888 | *J. T. Fanning |
| 9 | Louisville, Ky. | April 16–18, 1889 | *A. N. Denman |
| 10 | Chicago, Ill. | May 20–24, 1890 | *John H. Decker |
| 11 | Philadelphia, Penna. | May 14–17, 1891 | *William Benedict Bull |
| 12 | New York, N. Y. | May 17–19, 1892 | *John M. Diven |
| 13 | Milwaukee, Wis. | Sept. 5–9, 1893 | *G. H. Benzenberg |
| 14 | Minneapolis, Minn. | Aug. 21–23, 1894 | *James Peter Donahue |
| 15 | Atlanta, Ga. | May 28–30, 1895 | *William Ryle |
| 16 | Indianapolis, Ind. | May 26–28, 1896 | *William G. Richards |
| 17 | Denver, Colo. | June 8–10, 1897 | *F. A. W. Davis |
| 18 | Buffalo, N. Y. | June 14–18, 1898 | *John Caulfield |
| 19 | Columbus, Ohio | May 16–19, 1899 | *Joseph A. Bond |
| 20 | Richmond, Va. | May 15–18, 1900 | *R. M. Clayton |
| 21 | New York, N. Y. | June 17–22, 1901 | *Charles E. Bolling |
| 22 | Chicago, Ill. | June 10–13, 1902 | *William R. Hill |
| 23 | Detroit, Mich. | June 23–26, 1903 | *Charles H. Campbell |
| 24 | St. Louis, Mo. | June 6–11, 1904 | *L. N. Case |
| 25 | West Baden, Ind. | May 9–12, 1905 | *Morris R. Sherrerd |
| 26 | Boston, Mass. | June 26–30, 1906 | *Benjamin C. Adkins |
| 27 | Toronto, Ont. | June 17–21, 1907 | *Dabney H. Maury |
| 28 | Washington, D. C. | May 11–16, 1908 | *George H. Felix |
| 29 | Milwaukee, Wis. | June 7–12, 1909 | *D. W. French |
| 30 | New Orleans, La. | April 25–29, 1910 | *William Pitt Mason |
| 31 | Rochester, N. Y. | June 5–10, 1911 | John Watson Alvord |
| 32 | Louisville, Ky. | June 3–7, 1912 | *Alexander Milne |
| 33 | Minneapolis, Minn. | June 23–27, 1913 | *Dow R. Gwinn |
| 34 | Philadelphia, Penna. | May 11–15, 1914 | *Robert J. Thomas |
| 35 | Cincinnati, Ohio | May 10–14, 1915 | *George Goodell Earl |
| 36 | New York, N. Y. | June 5–9, 1916 | *Nicholas Snowden Hill, Jr. |
| 37 | Richmond, Va. | May 7–11, 1917 | *Leonard Metcalf |
| 38 | St. Louis, Mo. | May 13–17, 1918 | Theodore A. Leisen |
| 39 | Buffalo, N. Y. | June 9–13, 1919 | Charles R. Henderson |

*Deceased.

| | | | | |
|---|---|---|---|---|
| 40 | Montreal, Que. | June | 21–25, 1920 | Carleton E. Davis |
| 41 | Cleveland, Ohio | June | 6–10, 1921 | Beekman C. Little |
| 42 | Philadelphia, Penna. | May | 15–19, 1922 | Edward Bartow |
| 43 | Detroit, Mich. | June | 21–25, 1923 | *Willard S. Cramer |
| 44 | New York, N. Y. | May | 19–23, 1924 | *George W. Fuller |
| 45 | Louisville, Ky. | Apr. 27–May 1, | 1925 | Frank C. Jordan |
| 46 | Buffalo, N. Y. | June | 7–11, 1926 | *Harry F. Huy |
| 47 | Chicago, Ill. | June | 6–11, 1927 | *Allan W. Cuddeback |
| 48 | San Francisco, Calif. | June | 11–15, 1928 | James E. Gibson |
| 49 | Toronto, Ont. | June | 24–28, 1929 | William W. Brush |
| 50 | St. Louis, Mo. | June | 2–6, 1930 | Jack J. Hinman, Jr. |
| 51 | Pittsburgh, Penna. | May | 25–29, 1931 | George H. Fenkell |
| 52 | Memphis, Tenn. | May | 2–6, 1932 | Ross L. Dobbin |
| 53 | Chicago, Ill. | June | 12–16, 1933 | George W. Pracy |
| 54 | New York, N. Y. | June | 4–8, 1934 | Malcolm Pirnie |
| 55 | Cincinnati, Ohio | May | 6–10, 1935 | Harry E. Jordan |
| 56 | Los Angeles, Calif. | June | 8–12, 1936 | Frank A. Barbour |
| 57 | Buffalo, N.Y. | June | 7–11, 1937 | William W. Hurlbut |
| 58 | New Orleans, La. | April | 24–28, 1938 | Eugene F. Dugger |
| 59 | Atlantic City, N. J. | June | 11–15, 1939 | Reeves Newsom |
| 60 | Kansas City, Mo. | April | 21–25, 1940 | J. Arthur Jensen |
| 61 | Toronto, Can. | June | 22–26, 1941 | Norman J. Howard |
| 62 | Chicago, Ill. | June | 21–25, 1942 | Louis R. Howson |

*Deceased

# HONORARY AWARDS

*The members listed below are also included in the Consolidated List of Members*

## HONORARY MEMBERSHIP

Honorary Membership in the American Water Works Association is provided for in the By-Laws of the Association, Article I, Sections 1 and 2. The method of the election of Honorary Members is stated in the By-Laws, Article II, Section 1. The presentation of Honorary Memberships usually takes place during the Annual Convention of the Association. The present Honorary Members of the Association, with the year of their election to such membership, are as follows:

| | |
|---|---|
| John Walter Ackerman | 1941 |
| John Watson Alvord | 1930 |
| Moses Nelson Baker | 1936 |
| Frank Alexander Barbour | 1939 |
| Edward Bartow | 1936 |
| Thomas Brooks | 1937 |
| William Whitlock Brush | 1937 |
| James Morton Caird | 1942 |
| Carleton Emerson Davis | 1939 |
| Wilfred Willis DeBerard | 1942 |

Ross Leonard Dobbin ..... 1937
George Harrison Fenkell ..... 1940
James Edwin Gibson ..... 1940
Roland Caldwell Harris ..... 1941
Charles Robert Henderson ..... 1936
Charles Gilman Hyde ..... 1939
Frank Carver Jordan ..... 1941
Harry Edward Jordan ..... 1939
John Aspin Kienle ..... 1940
Ralph Waldo Lawton ..... 1938
Theodore Alfred Leisen ..... 1938
Beekman Cox Little ..... 1939
Herbert Merrill Lofton ..... 1940
Daniel Webster Mead ..... 1930
Denis Francis O'Brien ..... 1935
William John Orchard ..... 1937
James Lawrence Tighe ..... 1926
William Edward Vest ..... 1942
Edward Everett Wall ..... 1936
Robert Spurr Weston ..... 1930

## THE JOHN M. DIVEN MEMORIAL MEDAL

The John M. Diven medal was established by the Association in 1925 in memory of John M. Diven, a water works superintendent of many years experience and who served as the Association's President in 1892, Vice President 1887–89, Treasurer 1890–91, 1903–13, Secretary 1890–91, 1903–23, and Editor 1914–16.

The award is made each year to the member who has rendered the most outstanding service to the Association during the year, as determined by a committee appointed for the purpose and whose report is subject to ratification by the Board of Directors. The medal is a bronze plaque bearing the likeness of Mr. Diven.

George Warren Fuller ..... 1926
Arthur Ellsworth Gorman ..... 1927
Willard Samuel Cramer ..... 1928
James Edwin Gibson ..... 1929
Ross Leonard Dobbin ..... 1930
Malcolm Pirnie ..... 1931
William Whitlock Brush ..... 1932
Samuel Brooks Morris ..... 1933
Leonard Percy Wood ..... 1934
Linn Harrison Enslow ..... 1935
Harry Edward Jordan ..... 1936
Abel Wolman ..... 1937
William Curtis Mabee ..... 1938
Hallett Francis Smith ..... 1939
William Victor Weir ..... 1940
William Whitehead Hurlbut ..... 1941
Samuel Frank Newkirk, Jr. ..... 1942

## THE JOHN M. GOODELL PRIZE

The John M. Goodell prize was established in 1931 under the terms of an endowment by *Engineering News-Record* and as a memorial to John M. Goodell, a former editor of *Engineering News-Record* and the editor of the JOURNAL of the American Water Works Association, 1917–21.

The prize is awarded annually to the member who has made the most notable contribution to the science or practice of water works development, usually as recorded in the form of a paper published in the Association's JOURNAL. The selection is made by a committee appointed for that purpose and whose report is subject to ratification by the Board of Directors. The prize consists of an engraved certificate and the cash resulting from that year's income of the endowment, usually at least fifty dollars.

| | | |
|---|---|---|
| JOHN ROBERT BAYLIS | | 1932 |
| CHARLES HERBERT SPAULDING | | 1933 |
| WILLARD TOWNSHEND CHEVALIER | | 1934 |
| FRANK EUGENE HALE | | 1935 |
| MATHEW MICHAEL BRAIDECH | | 1936 |
| LAURANCE EDWARD GOIT<br>HARRY HAYES | Jointly | 1937 |
| VANCE CHRISTOPHER LISCHER | | 1938 |
| ALBERT GEORGE FIEDLER<br>DAVID GROSH THOMPSON | Jointly | 1939 |
| MELVIN LORENIUS ENGER<br>THOMAS HOLLIS WIGGIN | Jointly | 1940 |
| PAUL WEIR | | 1941 |
| RAY FREEMAN GOUDEY | | 1942 |

## THE NICHOLAS S. HILL, JR., CUP

The Nicholas S. Hill, Jr., cup is an award which was established by Past President Nicholas S. Hill, Jr., during his term of office in 1915–16. It is awarded at each Annual Convention to that Local Section of the Association which has made the largest percentage gain in membership during the year.

Under the original terms of the award the cup was to become the permanent possession of the Section which first won it for three successive years. This was first accomplished by the Minnesota Section, but due to the unusual conditions then prevailing as a result of the war the Section returned the cup for continued competition. When the North Carolina Section won the cup for the third successive year in 1924 the Section returned it to the Association with the stipulation that no Section should again win it permanently. The names of the winning Sections are engraved upon the cup.

| | |
|---|---|
| Canadian Section | 1916 |
| Minnesota Section | 1917–'18–'19 |
| Canadian Section | 1920 |
| Central States Section | 1921 |
| North Carolina Section | 1922–'23–'24 |
| California Section | 1925–'26 |
| Florida Section | 1927–'28 |
| Pacific Northwest Section | 1929 |
| Southeastern Section | 1930 |
| Pacific Northwest Section | 1931 |
| California Section | 1932 |
| Montana Section | 1933 |
| Canadian Section | 1934 |
| Virginia Section | 1935 |
| Rocky Mountain Section | 1936 |
| Indiana Section | 1937 |
| Michigan Section | 1938 |
| West Virginia Section | 1939 |
| Southwest Section | 1940 |
| Pacific Northwest Section | 1941 |

## THE FRANKLIN HENSHAW CUP

The award of the Franklin Henshaw Cup was established in 1934 as the result of a gift to the Association by Mr. Franklin Henshaw. At each Annual Convention this cup is awarded, for one year, to that Local Section which has held the best attended meeting during the year past. The attendance figure is computed by a formula which gives weight both to the proportion of the Section members present and to the number of guests at the meeting.

| | |
|---|---|
| Montana Section | 1935 |
| Montana Section | 1936 |
| Indiana Section | 1937 |
| Pacific Northwest Section | 1938 |
| North Carolina Section | 1939 |
| Wisconsin Section | 1940 |
| Pacific Northwest Section | 1941 |

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## SUMMARY OF MEMBERSHIP, MAY 1, 1942

| | |
|---|---|
| Honorary Members | 30 |
| Active Members | 3,566 |
| Corporate Members | 361 |
| Associate Members | 214 |
| Junior Members | 18 |
| Affiliates | 91 |
| Total | 4,280 |

The Consolidated List of Members, which begins on page 1 following, includes the members of all grades—Honorary, Active, Corporate, Associate and Junior—and also the Affiliates. The listing is correct as of May 1, 1942, including all those whose applications were received up to that date.

For separate listings of:

Honorary Members, see page *13*;

Corporate Members, see page 121;

Associate Members, see page 125.

All members are listed geographically beginning on page 131.

The date when the member first joined the Association is cited in each listing. Active Members are designated only by the date, for example, (July '39). Corporate, Associate and Junior Members and Affiliates are shown in the following manner: (Corp. M. July '39), (Assoc. M. July '39), (Jr. M. July '39) and (Affil. July '39).

Offices held by members are cited according to the years of the conventions during which the members served. Awards and Honorary Memberships are shown by the year of the convention at which they were presented.

*Members frequently fail to inform the Association headquarters of changes in titles and addresses. The Association will appreciate receiving corrections of any such items included in this Membership List.*

# MEMBERSHIP BY SECTIONS

*The total membership figures for each section in this table are listed directly after the section name and are in bold-face type. The breakdown of the sections by states and provinces follows the total in which it is included.*

| *Section* | *Active and Honorary* | *Corp.* | *Assoc.* | *Affil.* | *Junior* | *Total* |
|---|---|---|---|---|---|---|
| **California** | **475** | **38** | **27** | **1** | **1** | **542** |
| *Arizona* | *12* | — | — | — | — | *12* |
| *California* | *460* | *37* | *27* | *1* | *1* | *526* |
| *Nevada** | *3* | *1* | — | — | — | *4* |
| **Canadian** | **214** | **51** | **2** | **1** | **1** | **269** |
| *Alberta* | *9* | *1* | — | — | — | *10* |
| *British Columbia* | *11* | *2* | — | — | — | *13* |
| *Manitoba* | *8* | — | — | — | — | *8* |
| *Nova Scotia* | *3* | *1* | — | — | — | *4* |
| *Ontario* | *146* | *45* | *1* | *1* | *1* | *194* |
| *Prince Edward Island* | *1* | — | — | — | — | *1* |
| *Quebec* | *30* | *1* | *1* | — | — | *32* |
| *Saskatchewan* | *6* | *1* | — | — | — | *7* |
| **Cuban** | **40** | **1** | **—** | **—** | **—** | **41** |
| **Florida** | **76** | **5** | **1** | **—** | **—** | **82** |
| **Four States** | **191** | **11** | **18** | **1** | **—** | **221** |
| *Delaware* | *6* | — | — | — | — | *6* |
| *District of Columbia* | *28* | *1* | — | — | — | *29* |
| *Maryland* | *50* | *1* | *2* | — | — | *53* |
| *Pennsylvania (eastern)†* | *107* | *9* | *16* | *1* | — | *133* |
| **Illinois** | **211** | **13** | **20** | **2** | **2** | **248** |
| **Indiana** | **121** | **13** | **5** | **6** | **2** | **147** |
| **Kentucky-Tennessee** | **94** | **10** | **2** | **—** | **—** | **106** |
| *Kentucky* | *42* | *5* | *1* | — | — | *48* |
| *Tennessee* | *52* | *5* | *1* | — | — | *58* |
| **Michigan** | **101** | **7** | **5** | **6** | **—** | **119** |
| **Minnesota** | **66** | **10** | **6** | **3** | **—** | **85** |
| *Minnesota* | *55* | *10* | *6* | *3* | — | *74* |
| *North Dakota** | *11* | — | — | — | — | *11* |
| **Missouri Valley** | **161** | **17** | **9** | **1** | **—** | **188** |
| *Iowa* | *43* | *7* | *2* | — | — | *52* |
| *Kansas* | *21* | *3* | — | — | — | *24* |
| *Missouri* | *76* | *3* | *6* | *1* | — | *86* |
| *Nebraska (eastern)‡* | *13* | *3* | *1* | — | — | *17* |
| *South Dakota* | *8* | *1* | — | — | — | *9* |

# MEMBERSHIP BY SECTIONS—*Concluded*

| Section | Active and Honorary | Corp. | Assoc. | Affil. | Junior | Total |
|---|---|---|---|---|---|---|
| **Montana** | **36** | **6** | **—** | **—** | **—** | **42** |
| **New England** | **124** | **6** | **13** | **—** | **—** | **143** |
| *Connecticut* | *32* | *2* | *3* | — | — | *37* |
| *Maine* | *17* | — | — | — | — | *17* |
| *Massachusetts* | *64* | *2* | *8* | — | — | *74* |
| *New Hampshire* | *3* | *1* | — | — | — | *4* |
| *Rhode Island* | *5* | *1* | *2* | — | — | *8* |
| *Vermont* | *3* | — | — | — | — | *3* |
| **New Jersey** | **167** | **18** | **12** | **10** | **3** | **210** |
| **New York** | **369** | **53** | **45** | **8** | **1** | **476** |
| **North Carolina** | **95** | **11** | **1** | **1** | **3** | **111** |
| **Ohio** | **150** | **2** | **16** | **6** | **2** | **176** |
| **Pacific Northwest** | **141** | **21** | **2** | **10** | **1** | **175** |
| *Idaho* | *12* | *4* | — | *1* | — | *17* |
| *Oregon* | *45* | *10* | — | *2* | — | *57* |
| *Washington* | *84* | *7* | *2* | *7* | *1* | *101* |
| **Rocky Mountain** | **62** | **14** | **2** | **—** | **1** | **79** |
| *Colorado* | *45* | *7* | *1* | — | *1* | *54* |
| *Nebraska (western)‡* | *1* | — | — | — | — | *1* |
| *New Mexico* | *5* | *4* | — | — | — | *9* |
| *Utah* | *4* | *2* | *1* | — | — | *7* |
| *Wyoming* | *7* | *1* | — | — | — | *8* |
| **Southeastern** | **178** | **9** | **5** | **5** | **—** | **197** |
| *Alabama* | *40* | *2* | *5* | *1* | — | *48* |
| *Georgia* | *83* | *4* | — | *3* | — | *90* |
| *Mississippi* | *9* | *1* | — | — | — | *10* |
| *South Carolina* | *46* | *2* | — | *1* | — | *49* |
| **Southwest** | **139** | **13** | **4** | **—** | **1** | **157** |
| *Arkansas* | *19* | *2* | — | — | — | *21* |
| *Louisiana* | *20* | *1* | — | — | — | *21* |
| *Oklahoma* | *20* | *1* | *1* | — | — | *22* |
| *Texas* | *80* | *9* | *3* | — | *1* | *93* |
| **Virginia** | **66** | **3** | **4** | **1** | **—** | **74** |
| **West Virginia** | **42** | **2** | **—** | **25** | **—** | **69** |
| **Western Pennsylvania†** | **104** | **7** | **11** | **3** | **—** | **125** |
| **Wisconsin** | **85** | **10** | **4** | **—** | **—** | **99** |
| **Other Than U.S., Canada & Cuba** | **88** | **10** | **—** | **1** | **—** | **99** |
| **Total All Sections** | **3,596** | **361** | **214** | **91** | **18** | **4,280** |

* Nevada and North Dakota are not within the territory of any section. The members here enumerated are listed under the sections the members have chosen individually, in accordance with the By-Laws, Art. VII, Sec. 5.

† Pennsylvania is divided between the Western Pennsylvania Section and the Four States Section, the dividing line being at longitude 77°45′ W.

‡ Nebraska is divided between the Missouri Valley Section and the Rocky Mountain Section, the dividing line being at longitude 100° W.

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# CONSOLIDATED LIST OF MEMBERS

*Members in military service are indicated by ★. In most such cases, the member's civilian address is given.*

**Abbott, Carroll B.,** Pres., Water Works Supply Co., 501 Howard St., San Francisco, Calif. (May '22)

**Abbott, G. H.,** Treas. & Supt., Southbridge Water Supply Co., Southbridge, Mass. (May '12)

**Abell, D. S.,** Chief Engr. & Director, Bureau of Sanitation, 519 Dexter Ave., Montgomery, Ala. (Nov. '32)

**Abell, E. B.,** Owner & Mgr., Abell Water Co., Twentynine Palms, Calif. (Apr. '42)

**Abplanalp, C. C.,** Wallace & Tiernan Co., Inc., 809 W. Washington Blvd., Chicago, Ill. (Mar. '31)

**Abraham, Chas. P.,** Supt., Bureau of Water, Municipal Bldg., Lancaster, Pa. (May '30)

**Abrams, M. F.,** Wailes Dove-Hermiston Corp., 17 Battery Pl., New York, N.Y. (Oct. '37)

**Abrams, Norman H.,** Repr., Badger Meter Co., Waco, Tex. (Oct. '39)

**Acevedo-Quintana, F.,** Designing Engr., Avenida Alvarez Michaud, Dos Caminos, Estado Miranda, Venezuela (Jan. '41)

**Ackerman, J. Walter,** Munnsville, Madison County, N.Y. (Feb. '10) *Trustee '30. Director '31–'32. Honorary M. '41.*

**Acres, H. G.,** Pres., H. G. Acres & Co., Cons. Engrs., Main & Ferry Sts., Niagara Falls, Ont., Can. (June '27)

**Activated Alum Corp.,** Fred E. Stuart, Pennington Ave. at Aspen St., Curtis Bay, Baltimore, Md. (Assoc. M. Jan. '37)

**Adams, Alton D.,** Cons. Engr., 15 Abbott St., Wellesley, Mass. (Sept. '12)

**Adams, Arthur J.,** *see* Auburn Water Dept.

**Adams, Clarence D.,** Water Plants Supt., Public Service Co. of Indiana, Box 307, New Albany, Ind. (Jan. '35)

**Adams, G. P.,** Filter Plant Operator, Napoleon Water Works, 1003 Scott St., Napoleon, Ohio (Apr. '39)

**Adams, Howard J.,** Supt., Northern Illinois Water Corp., 120 N. Park St., Streator, Ill. (Jan. '38)

**Adams, John M.,** 1226 Third Ave., W., Seattle, Wash. (Apr. '40)

**Adams, John N.,** Gen. Mgr. & Asst. Secy., Sea Cliff Water Co., 325 Prospect Ave., Sea Cliff, N.Y. (July '41)

**Adams, Reginald B.,** Chemist & Bacteriologist, Pennsylvania Water Co., 712 South Ave., Wilkinsburg, Pa. (June '30)

**Adams, W. K.,** Supt., Water Dept., Box 469, Redding, Calif. (Oct. '39)

**Adams, Walter F.,** City Engr., Santa Rosa, Calif. (Oct. '39)

**Adirondack Water Works,** H. N. Haberer, Lowville, N.Y. (Corp. M. Jan. '23)

**Adkins, W. W.,** Supt. of Plants, Water Dept., City Hall, Asheboro, N.C. (July '40)

**Aeryns, Albert N.,** 716 Greenwood Ave., Brooklyn, N.Y. (Jan. '15)

**Affrica, Louis,** Supt., Water Dept., 807 Horner St., Brackenridge, Pa. (Oct. '40)

**Aga, A. K.,** Engr., Jharia Water Board, Engineer's Bungalow, Dhaya, P.O. Dhanbad, Manbhum, India (Jan. '35)

**Ahrens, H. C.,** *see* Winona Board of Munic. Works

**Alarcon, Domingo Guevara,** Ing., Calle Ignacio de la Llave No. 2, Veracruz, Ver., Mexico (Jan. '38)

**Albert, E. K.,** Chief Engr., California-Pacific Utilities Co., 400 Financial Center Bldg., San Francisco, Calif. (Apr. '42)

**Albert, J. E.,** Vice-Pres., Associated Public Utilities Corp., 17 N. High St., Columbus, Ohio (Feb. '29)

**Albert Lea Water Dept.,** C. V. Jones, City Mgr., City Hall, Albert Lea, Minn. (Corp. M. Oct. '40)

**Albrecht, Robert H.,** Supt. of Public Works, Board of Water, Light & Sewer Com., Hamilton, N.Y. (Affil. Jan. '39)

**Albright, Porter,** South Elsinore Mutual Water Co., Elsinore, Calif. (Oct. '38)

**Alderman, Frank E.,** City Engr., City Hall, South Gate, Calif. (Oct. '39)

**Aldrich, Ellwood H.,** 66 Milton Rd., Rye, N.Y. (July '35)

**Alexander, C. E.,** Bottlers' Service Dept., The Coca-Cola Co., 310 North Ave., N.W., Drawer 1734, Atlanta, Ga. (Jan '42)

**Alexander, Louis J.,** Southern California Water Co., 950 Bendix Bldg., 12th & Maple Sts., Los Angeles, Calif. (Oct. '37)

**Alexander, R. C.,** Mgr., Water Co., Centerville, Iowa (July '20)

**Alfke, Charles J.,** Mgr., Hackensack Water Co., 624 Park Ave., Weehawken, N.J. (Mar. '25)

**Allan, Lawrence F.,** 320 City Hall, Toronto, Ont., Can. (June '29)

**Allen, A. J.,** Research Engr., Rheem Mfg. Co., Richmond, Calif. (Jan. '40)

**Allen, Bernard,** Mgr., Blytheville Water Co., Blytheville, Ark. (Apr. '37)

**Allen, Henry A.,** Cons. Engr., 3138 Sheridan Rd., Chicago, Ill. (Jan. '27)

**Allen, Hoyt E.,** Supt., Munic. Service, Wyandotte, Mich. (July '29)

**Allen, Hugo H.,** Munic. Engr., Soonich Municipality, Royal Oak P.O., Vancouver, B.C., Can. (Apr. '41)

**Allen, John Bolling,** Asst. Engr., Water Div., 2001 Branch Ave., S.E., Washington, D.C. (Jan. '42)

**Allen, Lloyd, Jr.,** Surveyor & Draftsman, 1617 S. Highland Ave., Los Angeles, Calif. (Apr. '38)

**Allen, Victor H.,** Editorial Asst., American Water Works Assn., 22 E. 40th St., New York, N.Y. (Jan. '39)

**Allendale, Water Dept. of Boro of,** Lyman Ceely, Chairman of Water Com., Allendale, N.J. (Corp. M. Oct. '38)

**Allentown Bureau of Water,** Wm. R. Schnabel, Supt. & Engr., City Hall, Allentown, Pa. (Corp. M. May '22)

**Allevato, Louis,** Filter Plant Operator, West Virginia Water Service Co., 79 Summers St., Welch, W.Va. (July '40)

**Allied Chemical & Dye Corp.,** *see* Barrett Div.

**Allin, Claud R.,** Supt., Orange County Water Works, Dist. No. 2, Buena Park, Calif. (Sept. '41)

**Allis-Chalmers Mfg. Co.,** W. M. White, Mgr. & Chief Engr., Hydr. Dept., Milwaukee, Wis. (Assoc. M. June '05)

**Alt, E. F.,** *see* Rich Mfg. Co., Ltd.

**Alt, Edward E.,** Sales Engr., Chicago Bridge & Iron Co., 332 S. Michigan Ave., Chicago, Ill. (Apr. '41)

**Alter, Amos J.,** San. Engr., State Board of Health, 1098 W. Michigan St., Indianapolis, Ind. (Apr. '42)

**Altoberro, Juan Carlos,** Ing., 2029, Charrua St., Montevideo, Uruguay (May '28)

**Alvord, John W.,** Alvord, Burdick & Howson, 20 N. Wacker Drive, Chicago, Ill. (Apr. '99) *Vice-Pres. '09, '10. President '11. Exec. Com. '12. Honorary M. '30.*

**Ambridge Water Dept.,** S. L. Card, Secy., Ambridge, Pa. (Corp. M. Jan. '41)

**Amend, J. E.,** 61 S. 6th St., Brighton, Colo. (July '35)

**American Brass Co.,** F. G. Smith, 414 Meadow St., Waterbury, Conn. (Assoc. M. Aug. '22)

**American Cast Iron Pipe Co.,** Lester Long, Box 2603, Birmingham, Ala. (Assoc. M. July '07)

**American City, The,** Edgar J. Buttenheim, 470 Fourth Ave., New York, N.Y. (Assoc. M. May '18)

**American Colloid Co.,** Paul Bechtner, Pres., 363 W. Superior St., Chicago, Ill. (Assoc. M. Apr. '38)

**American Concrete & Steel Pipe Co.,** Robert V. Edwards, Box 3428, Terminal Annex, Los Angeles, Calif. (Assoc. M. Oct. '41)

**American Cyanamid & Chemical Corp.,** J. D. Lowery, 30 Rockefeller Plaza, New York, N.Y. (Assoc. M. June '06)

**American Enka Corp.,** B. W. Crutchfield, Enka, N.C. (Corp. M. Jan. '41)

**American Foundry & Mfg. Co.,** 1015 Hebert St., St. Louis, Mo. (Assoc. M. May '08)

**American Iron & Steel Institute,** E. H. Thwaits, Engr., 350 Fifth Ave., New York, N.Y. (Corp. M. Jan. '41)

**American Pipe & Construction Co.,** M. W. Loving, 33 W. Grand Ave., Chicago, Ill. (Assoc. M. Oct. '17)

**American Rolling Mill Co.,** R. C. Beam, Mgr., Spiral Welded Pipe Dept., Middletown, Ohio (Assoc. M. Jan. '27)

**American Smelting & Refining Co.,** J. E. English, Asst. Mgr., Lead Products Div., 120 Broadway, New York, N.Y. (Assoc. M. Apr. '42)

**American Tobacco Co.,** R. P. Hudson, Chem. Engr., Research Lab., 400 Petersburg Turnpike, Richmond, Va. (Corp. M. Jan. '41)

**American Water Softener Co.,** G. S. Garrett, Treas., Lehigh Ave. & Fourth St., Philadelphia, Pa. (Assoc. M. July '23)

**American Water Works & Elec. Co., Inc.,** P. D. Niles, Director, Dept. of Information, 50 Broad St., New York, N.Y. (Corp. M. June '15)

**Ames, J. H.,** *see* Ames Water Dept.

**Ames Water Dept.,** J. H. Ames, City Mgr., Ames, Iowa (Corp. M. Jan. '37)

**Amiss, Thomas L.,** Supt., Water & Sewerage, Shreveport, La. (May '18)

**Amsbary, Frank C., Jr.,** Supt., Illinois Water Service Co., Champaign, Ill. (Jan. '27) *Director '40–42. Fuller Award '41.*

**Amundsen, C. J.,** Secy.-Treas., Town of Claresholm, Claresholm, Alta., Can. (Apr. '42)

**Anaconda Copper Mining Co.,** Water Works Dept., H. M. Johnson, Box 548, Anaconda, Mont. (Corp. M. June '10)

**Anderson, A. E.,** *see* Moline Water Works

**Anderson, A. L.,** Prin. Civ. Engr., Chief, San. & Hydr. Sec., Constr. Service, War Dept., Falls Church, Va. (Nov. '25)

**Anderson, Arthur W.,** Chief Engr., Water Dept., Lookout Point, Inc., Point Lookout, N.Y. (July '41)

**Anderson, City of,** Paul C. Laux, City Chemist, Anderson, Ind. (Corp. M. Jan. '35) *Fuller Award '41.*

**Anderson, Clarence S.,** Supt. of Public Works, Municipality of Township of Tisdale, South Porcupine, Ont., Can. (Apr. '38)

**Anderson, E. D.,** *see* Northern Indiana Public Service Co.

**Anderson, F. R.,** Service Mgr., Duke Power Co., Rutherfordton, N.C. (July '41)

**Anderson, Frank D.,** Gen. Meter Foreman, 3148 S. Sacramento Ave., Chicago, Ill. (Apr. '38)

**Anderson, H. V.,** *see* Southern California Water Co.

**Anderson, Milton,** 854 Water & Power Bldg., Box 3669 Terminal Annex, Los Angeles, Calif. (Oct. '34)

**Anderson, Norval E.,** Engr. of Treatment Plant Design, San. Dist. of Chicago, 910 S. Michigan Ave., Chicago, Ill. (Oct. '41)

**Anderson, R. R.,** *see* Worthington-Gamon Meter Co.

**Anderson, S. T.,** *see* Springfield City Water, Light & Power Dept.

**Andrews, A. I.,** Sales Engr., Wallace & Tiernan Co., Inc., Box 178, Newark, N.J. (Oct. '37)

**Andrews, H. C.,** Supt., David City Light & Water Dept., David City, Neb. (Jan. '41)

**Andrews, Robert E.,** National Board of Fire Underwriters, 1014 Merchants Exchange Bldg., San Francisco, Calif. (June '13)

**Andrews, W. S.,** Sales Repr., Pittsburgh Equitable Meter Co., 3659 Strathavon Rd., Cleveland, Ohio (Jan. '41)

**Angell, J. M., Jr.,** Eastern Mgr., *Water Works & Sewerage,* 155 E. 44th St., New York, N.Y. (July '35)

**Angle, C. F.,** Supt. of Water Purif., Tubize Chatillon Corp., Rome, Ga. (Jan. '38)

**Angove, J. A.,** *see* Oil City Bureau of Water

**Angus, Robert W.,** Prof. of Mech. Eng., Univ. of Toronto., Toronto, Ont., Can. (Feb. '17)

**Anheuser-Busch, Inc.,** Bottling Plant Stores Lab., 619 Arsenal St., St. Louis, Mo. (Corp. M. Apr. '38)

**Ankener, Richard,** Asst. Engr., Dept. of Water Supply, Gas & Electricity, 32-53—42nd St., Long Island City, N.Y. (Oct. '22)

**Ann Arbor Water Dept.,** H. H. Caswell, City Hall, Ann Arbor, Mich. (Corp. M. Apr. '19)

**Anthony, Sidney S.,** Augusta Water Dist., Augusta, Me. (Apr. '36)

**Antweiler, John J.,** Engr. of Distr., Cleveland Div. of Water, 90 Empire Ave., Cleveland, Ohio (June '27)

**Apgar, Paul N.,** Supt. of Mains & Services, Water Dept., City Hall, East Orange, N.J. (Affil. Oct. '38)

**Applebaum, Samuel B.,** Vice-Pres., The Permutit Co., 330 W. 42nd St., New York, N.Y. (Apr. '16)

**Applegate, George,** Power House Foreman, Refinery Div., Sun Oil Co., Box 920, Woodville St., Toledo, Ohio (Oct. '39)

**Arbour, E.,** Mgr., Tecumseh Public Utilities Com., 112 Tecumseh Rd., W., Tecumseh, Ont., Can. (Apr. '42)

**Archer, Elmer T.,** Cons. Engr., New England Bldg., Kansas City, Mo. (May '18)

**Arenander, Carl A.,** Asst. Engr. with Malcolm Pirnie, 25 W. 43rd St., New York, N.Y. (Oct. '35)

**Argentina, Obras Sanitarias de la Nacion,** Enrique Butty, Pres., Buenos Aires, Argentina (Corp. M. Jan. '26)

**Armstrong, C. G. R.,** Cons. Engr., 605-6 Bartlet Bldg., Windsor, Ont., Can. (May '34)

**Armstrong, Charles L.,** Repr., Dearborn Chemical Co., 202 E. Washington Rd., Greenville, S.C. (Jan. '41)

**Armstrong, James W.,** 2722 Second Ave., Bradenton, Fla. (Mar. '10) *Fuller Award '39.*

**Armstrong, Kenneth C.,** Supt. of Water Works, Empresas Publicas Municipales, Barranquilla, Colombia (Dec. '24)

**Armstrong, Roger W.,** Board of Water Supply, Gas & Electricity, 346 Broadway, New York, N.Y. (Apr. '16)

**Arno, Rollo,** Bacteriologist, Mt. Prospect Lab., 355 Park Pl., Brooklyn, N.Y. (July '41)

**Arnold, Gerald E.,** San. Engr., 477 Colon Ave., San Francisco, Calif. (Sept. '33) *Fuller Award* '39.

**Arnold, L. E.,** Pres. & Mgr., Water Works Equipment Co., 151 W. Second South St., Salt Lake City, Utah (Oct. '39)

**Arnold, Roy,** Water Supt., Whitefish, Mont. (July '35)

**Arnold, V. E.,** *see* Phoenix Meter Corp.

**Arnold, William L.,** Auditor, California Water & Telephone Co., 2130 Huntington Drive, San Marino, Calif. (July '33)

**Art Concrete Works,** Frank M. Brooks, Box 417, Pasadena, Calif. (Assoc. M. Dec. '20)

**Ashcraft, Chas. A.,** Supt., Water Dept., 211 S. Clark St., Pana, Ill. (Oct. '41)

**Ashford, F. J.,** City Clerk, Box 1040, Swift Current, Sask., Can. (Jan. '37)

**Ashland Water Dept.,** Ashland, Ore. (Corp. M. Apr. '40)

**Ashley, Fred M.,** Comr. of Public Works, City Hall, Fresno, Calif. (Jan. '42)

**Ashline, Robert R.,** Electrolysis Engr., Bureau of Water Works & Supply, 510 E. 2nd St., Los Angeles, Calif. (Oct. '35)

**Asunsolo, Raul Castro,** Pres., Cardenas City Water Works Co., Calle Nueve No. 12, E., Cardenas, Cuba (Oct. '41)

**Atkinson, Asher,** Engr., Water Dept., 49 Mine St., New Brunswick, N.J. (Mar. '22)

**Atkinson, George E.,** 311 N. Quincy St., Arlington, Va. (Jan. '35)

**Atlas Mineral Products Co. of Pa.,** Geo. L. Wirtz, Pres., Mertztown, Pa. (Assoc. M. May '26)

**Attersall, Charles F.,** Supt., Water Works, Winchester, Ky. (June '10)

**Auburn Water Dept.,** Arthur J. Adams, Memorial City Hall, Auburn, N.Y. (Corp. M. Mar. '11)

**Aultman, William W.,** Water Purif. Engr., Metropolitan Water Dist. of Southern California, Box 38, La Verne, Calif. (Jan. '36)

**Aupry, Alfred,** *see* Rouses Point, Village of

**Aurora Water & Light Com.,** Charles Juhlin, Supt., Aurora, Minn. (Corp. M. Jan. '40)

**Austin Board of Water, Elec., Gas & Power Comrs.,** W. T. Meseck, Supt., 419 E. Water St., Austin, Minn. (Corp. M. July '35)

**Austin, H. B.,** Austin Engineering Co., 115 S. Jefferson St., Peoria, Ill. (Jan. '41)

**Austin, Ralph D.,** City Engr. & Water Supt., City Hall, Little Falls, N.Y. (Apr. '38)

**Austin, Robert William,** 11 S. Lake Ave., Albany, N.Y. (Jan. '41) ★

**Avery, Steven B.,** *see* Ruberoid Co.

**Avrett, W. L., Jr.,** 886 Wildwood Rd., N.E., Atlanta, Ga. (Apr. '36)

**Axelrad, B. A.,** Tech. Asst. to Gen. Supt., Freeport Sulphur Co., Freeport, Tex. (Apr. '39)

**Ayala H, Juan Pablo,** Design Engr., Ministerio de Obras Publicas, Div. de Analisis de Aguas, Caracas, Venezuela (Jan. '41)

**Ayars, William F.,** *see* Salem Water Dept.

**Ayliffe, Ora C.,** Supt. of Water Works, 1429—7th St., S., Fargo, N.D. (July '37)

**Ayres, Louis E.,** Civ. Engr., Ayres, Lewis, Norris & May, 506 Wolverine Bldg., Ann Arbor, Mich. (Nov. '16)

**Baals, Harry W.,** Mayor, City Hall, Fort Wayne, Ind. (Jan. '35)

**Babbitt, Harold E.,** Prof. of San. Eng. Univ. of Illinois, 204 Engineering Hall, Urbana, Ill. (June '16) *Director '37–'39.*

**Babcock & Wilcox Co., The,** J. B. Romer, Barberton, Ohio (Assoc. M. May '24)

**Bacharach, E. W.,** *see* Bacharach, E. W., & Co.

**Bacharach, E. W., & Co.,** E. W. Bacharach, Pres., 800 Rialto Bldg., Kansas City, Mo. (Assoc. M. Apr. '40)

**Bachelder, Herbert W.,** Engr. in Charge, Munic. Com., Herkimer, N.Y. (Oct. '40)

**Bachmann, Frank,** The Dorr Co., Inc., 570 Lexington Ave., New York, N.Y. (Feb. '15)

**Bacon, Vinton W.,** 3824½ S. Figueroa St., Los Angeles, Calif. (Jan. '41)

**Badger, H. F.,** Secy., Board of Fire Underwriters of the Pacific, 914 Merchants Exchange Bldg., San Francisco, Calif. (Aug. '25)

**Badger Meter Mfg. Co.,** 841-7—30th St., Milwaukee, Wis. (Assoc. M. June '04)

**Badley, Harry W.,** Repr., Neptune Meter Co., 969 Highland St., Salina, Kan. (May '28)

**Baggarly, J. B., Jr.,** Shop Foreman, Board of Water Comrs., 417 Adams St., Macon, Ga. (Apr. '41) ★

**Bahlman, Clarence,** Water Purif. Supervisor, Cincinnati Filtration Plant, California, Ohio (Feb. '22)

**Bailey, William T.,** Asst. Chief Engr. & Supt., Water Dept., City Hall, Kansas City, Mo. (Jan. '32)

**Baity, H. G.,** Prof. of San. & Munic. Eng., Univ. of North Carolina, Chapel Hill, N.C. (May '23) *Fuller Award '40.*

**Baker, Arthur,** *see* La Porte Water Works

**Baker, C. M.,** Cons. Engr., 1 W. Main St., Madison, Wis. (Oct. '15)

**Baker, C. V.,** *see* Electric Chemical Co.

**Baker, Chester L.,** Chem. Dept., Philadelphia Quartz Co., 121 S. Third St., Philadelphia, Pa. (Jan. '39)

**Baker Dept. of Water, Fire & Sanitation,** W. P. Smith, Comr., City Hall, Baker, Ore. (Corp. M. Jan. '39)

**Baker, E. A., Jr.,** Bottlers' Service Dept., The Coca-Cola Co., 310 North Ave., N.W., Drawer 1734, Atlanta, Ga. (Jan. '42)

**Baker, Frank A.,** Gen. Mgr., Water Dept., City Hall, New Brunswick, N.J. (Oct. '41)

**Baker, G. H.,** *see* North York, Township of

**Baker, H. L., Jr.,** Magnolia Petroleum Co., Box 4008, Dallas, Tex. (Jan. '39)

**Baker, Harold J.,** *see* Fishers Island Farms, Inc.

**Baker, J. B.,** Prin. Sanitarian, State Dept. of Health, Charleston, W.Va. (Affil. Jan. '42)

**Baker, M. N.,** 53 Oakwood Ave., Upper Montclair, N.J. (June '03) *Honorary M. '36.*

**Baker, Michael D.,** Chief Chemist, West Penn Power Co., Springdale Power Station, Springdale, Pa. (July '41)

**Baker, R. G.,** City Engr., 2019 N. 3rd St., Phoenix, Ariz. (Jan. '41)

**Baker, R. H.,** *see* Baker, R. H., Co., Inc.

**Baker, R. H., Co., Inc.,** R. H. Baker, Pres., 2070 E. Slauson Ave., Huntington Park, Calif. (Assoc. M. Oct. '39)

**Bakewell, D. M.,** Mgr. & Secy., Santa Fe Irrigation Dist., Rancho Santa Fe, Calif. (July '39)

**Bakke, O. M.,** Chemist, Houston Labs., Box 132, Houston, Tex. (Oct. '39)

**Baldwin, F. O.,** Chief Chemist, Water Purif. Plant, Westover Hills, Richmond, Va. (May '22)

**Baldwin, L. A.,** Vice-Pres., Johns-Manville Sales Corp., 22 E. 40th St., New York, N.Y. (Apr. '39)

**Baldwin, Robert Lee,** Burns & McDonnell Engineering Co., 107 W. Linwood Blvd., Kansas City, Mo. (Nov. '25)

**Baldwin, Robert T.,** Secy., The Chlorine Institute, Inc., 50 E. 41st St., New York, N.Y. (July '24)

**Baldwin, T. H.,** City Engr., Cheyenne, Wyo. (May '34)

**Ball, Edmund Bruce,** Eldo House, Monkton, Prestwick, Scotland (Jan. '24)

**Ball, Edward,** Supt., Munic. Water Works, Bracebridge, Ont., Can. (Jan. '36)

**Ballou, Arthur Francis,** Engr., National Board of Fire Underwriters, 85 John St., New York, N.Y. (Aug. '24)

**Ballston Spa Water Dept.,** E. R. Donohue, Supt., Box 177, Ballston Spa, N.Y. (Corp. M. July '39)

**Bamford, J. H.,** Supt., Water Dept., Dayton, Wash. (Jan. '37)

**Banco Nacional Hipotecario Urbano y de Obras Publicas, S.A.,** *see* Mexico

**Bango, Rafael Garcia,** Civ. Engr., 22nd & 5th Aves., Miramar, Havana, Cuba (Jan. '41)

**Banks, Harvey Oren,** Asst. Hydr. Engr., California State Div. of Water Resources, 803 State Bldg., Los Angeles, Calif. (Jan. '41)

**Banks, Russell S.,** Local Supt., Ohio Water Service Co., Marysville, Ohio (Apr. '39)

**Banks, William G.,** Div. Engr., Div. of Water, Newark, N.J. (Dec. '19) *Fuller Award '39.*

**Bankson, Ellis E.,** The Chester Engrs., 6562 Bartlett St., Pittsburgh, Pa. (July '22)

**Banta, A. Perry,** San. Engr., Los Angeles County Sanitation Dist., 110 S. Broadway, Los Angeles, Calif. (Oct. '38)★

**Barada & Page, Inc.,** W. M. Betts, Guinotte & Michigan Aves., Kansas City, Mo. (Assoc. M. Oct. '39)

**Barager, C. A.,** Supt., City Water Dept., Granite Falls, Minn. (July '40)

**Baranousky, Elizabeth E. (Miss),** 113 Steamboat Rd., Great Neck, N.Y. (Jan. '41)

**Barbee, Edwin W.,** Water Purif. Engr., 1918 Carmelita Drive, San Carlos, Calif. (Jan. '36) ★

**Barber, B. P.,** Munic. Engr., Tomlinson Engineering Co., 1226 Sumter St., Columbia, S.C. (Apr. '40)

**Barber, W. J.,** Asst., Metropolitan Utilities Water Dept., Utilities Bldg., Omaha, Neb. (Jan. '38)

**Barbour, Frank A.,** Hydr. & San. Engr., 1120 Tremont Bldg., Boston, Mass. (May '06) *Director '33–'35, '37. President '36. Honorary M. '39.*

**Barclay, Joseph L.,** Hydrographer, Bureau of Water Works & Supply, 2411 S. Curson Ave., Los Angeles, Calif. (Jan. '41)

**Bardwell, C. M.,** 2201 Fairfax St., Denver, Colo. (July '26)

**Bardwell, R. A.,** Service Engr.—Water Chemist, 208 E. Conron Ave., Danville, Ill. (Jan. '38)

**Bardwell, R. C.,** Supt., Water Supply, Chesapeake & Ohio Ry. Co., Richmond, Va. (Nov. '16) *Director '41–43.*

**Barham, George Basil,** Mng. Editor, *The Contract Journal,* 127 Temple Chambers, Temple Ave., London E.C. 4, England (Affil. Jan. '39)

**Barker, J. R.,** Pacific Coast Mgr., Neptune Meter Co., 320 Market St., San Francisco, Calif. (June '26)

**Barker, Stanley T.,** Lt.-Com., CEC-U.S.N.R., 2426 Navy Bldg., Washington, D.C. (Jan. '40) ★

**Barker, Thomas,** Supt., Ashland City Water Works, Ashland City, Tenn. (July '39)

**Barklage, O. F.,** Grain Exchange Bldg., Omaha, Neb. (Jan. '41)

**Barksdale, John C.,** Western Sales Mgr., Lynchburg Foundry Co., 1316 Peoples Gas Bldg., Chicago, Ill. (Jan. '39)

**Barnard, Russell E.,** Advisory Engr., Spiral Welded Pipe Dept., American Rolling Mill Co., Middletown, Ohio (Oct. '39)

**Barnard, W. O.,** Supt., Woodfin Sanitary Water & Sewer Dist., R. 1, Asheville, N.C. (Oct. '39)

**Barnes, George E.,** Prof. of Hydr. & San. Eng. & Head, Dept. of Civ. Eng., Case School of Applied Science, Cleveland, Ohio (Jan. '36)

**Barnes, James E.,** Supt., East Cleveland Water Dept., 14340 Euclid Ave., East Cleveland, Ohio (Jan. '41)

**Barnes, W. E.,** City Engr. & Supt. of Water Works, City Hall, Liberty, Mo. (Apr. '40)

**Barnett, Gabriel,** Bottlers' Service Dept., The Coca-Cola Co., 310 North Ave., N.W., Drawer 1734, Atlanta, Ga. (Jan. '42)

**Barnhill, Kenneth G.,** 547 Riverside Drive, New York, N.Y. (July '39)

**Barr, Carl F.,** *see* Two Harbors, City of

**Barrett Div., The,** Allied Chemical & Dye Corp., George B. McComb, 40 Rector St., New York, N.Y. (Assoc. M. Jan. '37)

**Barrett, Jack P.,** Chemist, 1912 E. 69th Terrace, Kansas City, Mo. (Apr. '40)

**Barrick, M. J.,** Dist. Engr., State Dept. of Health, 724 First Ave., Williamsport, Pa. (Feb. '24)

**Barrie Public Utilities Com.,** George F. Smith, Supt., Water Dept., Box 334, Barrie, Ont., Can. (Corp. M. July '35)

**Barron, A. F.,** 59 E. Van Buren St., Chicago, Ill. (Sept. '28)

**Barron, J. L.,** *see* Nassau County Dept. of Health

**Barstow, Eugene D.,** San. Engr., 31 N. Summit St., Akron, Ohio (Jan. '36)

**Barth, John H.,** City Engr., La Crosse Water Dept., City Hall, La Crosse, Wis. (Oct. '41)

**Bartlett, N. E.,** *see* Pennsylvania Salt Mfg. Co.

**Bartlett, Terrell,** The Terrell Bartlett Engrs., Smith-Young Tower, San Antonio, Tex. (June '23)

**Barton, Harry,** Supt., Pittsburgh Suburban Water Service Co., 11 Meade Ave., Bellevue, Pa. (Dec. '28)

**Barton, Roland,** Student, Case School of Applied Science, 2973 Essex Rd., Cleveland Heights, Ohio (Jr. M. Jan. '41)

**Barton, Russell,** Chairman, Water Works, Fort Erie, Ont., Can. (Apr. '42)

**Bartow, Edward,** Chemistry Bldg., Iowa State Univ., Iowa City, Iowa (June '06) *Trustee '14, '15. Vice-Pres. '21. President '22. Exec. Com. '23, '24. Honorary M. '36.*

**Bartuska, James F.,** Supt., Water Dept., 1642—119th St., Whiting, Ind. (Oct. '24)

**Barwell, Fred,** *see* Merritton Public Utilities Com.

**Bascom, Carleton V.,** Engr., Dept. of Water & Power, 410 Ducommon St., Los Angeles, Calif. (Oct. '41)

**Basom, G. E.,** Mgr., Water & Light Com., Fairmont, Minn. (June '27)

**Bassett, Carroll P.,** Civ. Engr., Summit, N.J. (Oct. '09)

**Bassett, Charles K.,** Secy., Buffalo Meter Co., 2917 Main St., Buffalo, N.Y. (June '21)

**Bassett, Geo. B.,** Civ. Engr., 691 W. Ferry St., Buffalo, N.Y. (Apr. '09)

**Batavia, City of,** Floyd A. Emery, Supt. of Water, City Hall, Box 358, Batavia, N.Y. (Corp. M. Apr. '37)

**Bates, Francis,** *see* Vernon, City of

**Bates, R. W.,** Water Bureau Supervisor, Public Service Dept., 174 W. Magnolia Blvd., Burbank, Calif. (Oct. '37)

**Bates, Ralph D.,** State Dept. of Health, 65 Court St., Buffalo, N.Y. (Feb. '21)

**Baton, Warren U. C.,** Chief Analyst, 528 S. Lang Ave., Pittsburgh, Pa. (Apr. '09)

**Baty, J. Bernard,** Asst. Prof. of San. Eng., Queen's Univ., Kingston, Ont., Can. (Apr. '37)

**Bauer, L. G.,** 1327—8th Ave., San Francisco, Calif. (Mar. '31)

**Bauman, James A.,** Director, Ridgewood Analytical Lab., Ridgewood, N.J. (Aug. '28)

**Baumann, Hugo B.,** Supt. of Filtration Plant, 1017 Clinton Ave., St. Clair, Mich. (Oct. '38)

**Baumgartner, William H.,** Engr., Sales Technologist Div., E. I. du Pont de Nemours & Co., Grasselli Chemicals Dept., Wilmington, Del. (Jan. '36)

**Baxter, George,** Deputy City Water Engr., City Water Dept., 6 Cockburn St., Edinburgh 1, Scotland (Jan. '38)

**Bayerd, Forrest G.,** Water Comr., Dillon Water Works, City Hall, Dillon, Mont. (July '34)

**Baylis, John R.,** Physical Chemist, Bureau of Eng., 1643 E. 86th St., Chicago, Ill. (Oct. '15) *Goodell Prize '32. Fuller Award '39.*

**Bayonne, City of, Water Dept.,** J. Leonard Lindner, Supt., Bayonne Water Dept. Gate House, Belleville Turnpike, Arlington, N.J. (Corp. M. Apr. '41)

**Beacham, J. G.,** City Engr. & Supt. of Water Works, Athens, Ga. (Dec. '30)

**Beadle, W. N.,** *see* Byron Jackson Co.

**Beam, R. C.,** *see* American Rolling Mill Co.

**Bean, Elwood L.,** 3036 Teesdale St., Philadelphia, Pa. (Apr. '28)

**Bean, George L.,** Civ. Engr., 201 N. Broad St., Philadelphia, Pa. (Dec. '13)

**Bear, Ernest J.,** *see* Livingston Water Dept.

**Beard, Kennan H.,** Mgr., Del Este Water Co., 726 Tenth St., Modesto, Calif. (Jan. '39)

**Beatty, Dick,** Water Works Supt., Caldwell, Idaho (July '40)

**Beatty, Earl E.,** 8186 Livernois Ave., Detroit, Mich. (Jan. '38)

**Beatty, Roy L.,** Mgr., Glasgow Water Dept., Glasgow, Ky. (Jan. '40)

**Beaver Dam Munic. Water Dept.,** Oscar Bedker, Supt., 154 Prospect Ave., Beaver Dam, Wis. (Corp. M. Jan. '41)

**Bechert, C. H.,** *see* Indiana Dept. of Conservation

**Bechtner, Paul,** *see* American Colloid Co.

**Beck, A. N.,** Asst. San. Engr., Bureau of Sanitation, State Dept. of Public Health, Montgomery, Ala. (Apr. '38)

**Becker, Burton E.,** Caretaker, Gloversville Water Works, R.F.D. 1, Gloversville, N.Y. (Affil. Jan. '40)

**Becker, Charles H.,** Mgr., Hydrant & Valve Dept., R. D. Wood Co., 400 Chestnut St., Philadelphia, Pa. (Aug. '27) *Director '37–'39.*

**Becker, William H.,** Neptune Equipment Co., 304 E. 8th St., Cincinnati, Ohio (Apr. '41)

**Beckett, Humphrey,** Engr., District of Columbia Water Dept., Washington, D.C. (Apr. '41)

**Beckett, R. C.,** State San. Engr., Dover, Del. (Sept. '24)

**Beckwith, Homer E.,** Dist. Mgr., The Pitometer Co., 429 Penn Ave., Pittsburgh, Pa. (Apr. '29)

**Bedker, Oscar,** *see* Beaver Dam Munic. Water Dept.

**Beeny, Raymond,** Secy.-Treas., Alabama Gas Co., Watts Bldg., Birmingham, Ala. (Oct. '31)

**Beerman, Paul,** Asst. Engr., Civic Center, San Diego, Calif. (Oct. '38)

**Behrman, A. S.,** Chem. Director, Infilco, Inc., 325 W. 25th Pl., Chicago, Ill. (Feb. '25)

**Beiswanger, G. J.,** Cashier, City Water Dept., Box 958, Billings, Mont. (Jan. '40)

**Belanger, Raphael,** City Engr., Valleyfield, Que., Can. (Jan. '34)

**Belcher, Donald M.,** *see* Chapman Valve Mfg. Co.

**Bell, E. Arthur,** Borough Engr., Essex Fells, N.J. (July '37)

**Bell, Grant S.,** Cons. Engr., 553 S. Lime St., Lexington, Ky. (Oct. '40)

**Bell, W. W.,** Northeastern Water & Elec. Service Corp., 61 Broadway, New York, N.Y. (July '35)

**Bell, Willard J.,** Engr., Wallace & Tiernan Co., Inc., 614 Flour Exchange Bldg., Minneapolis, Minn. (May '30)

**Belleville Public Utilities Com.,** Oswald H. Scott, Gen. Mgr., 277 Front St., Belleville, Ont., Can. (Corp. M. Apr. '34)

**Bellingham Water Dept.,** A. B. Culmer, Supt., Bellingham, Wash. (Corp. M. Jan. '40)

**Beltz, John H.,** Bell & Beltz, Chemists, 3340 N. Broad St., Philadelphia, Pa. (Jan. '36)

**Belyea, John F.,** Pres., Gordon & Belyea, Ltd., 101 Powell St., Vancouver, B.C., Can. (Mar. '34)

**Benas, Benjamin,** Supt., Richmond-Sunset Sewage Treatment Plant, 4545 Lincoln Way, San Francisco, Calif. (Oct. '34)

**Bender, Geo. C., Jr.,** Michigan Repr., Pittsburgh Equitable Meter Co., 1342 Cherry St., Kalamazoo, Mich. (Apr. '39)

**Benedict, A. H.,** Technologist, The Asphalt Institute, 100 Bush St., San Francisco, Calif. (Oct. '39)

**Benedict, Sydney J.,** Asst. Engr., Bureau of Water, 209 City Hall, Portland, Ore. (Dec. '28)

**Benjamin, Roselle G.,** Supt., Riverhead Water Dist., 220 Roanoke Ave., Riverhead, N.Y. (July '35)

**Bennett, Boyd A.,** Pres., Northeastern Water & Elec. Service Corp., 61 Broadway, New York, N.Y. (Jan. '37)

**Bennett, J. H.,** Mgr., City Water Dept., San Clemente, Calif. (Oct. '41)

**Bennett, Richard,** Hydr. Engr., Water Dept., 80 W. Willetta St., Phoenix, Ariz. (Apr. '29)

**Bennett, Schuyler M.,** Water Treatment Plant Operator, Bureau of Water Works & Supply, 3004 Petite Court, Los Angeles, Calif. (Oct. '32)

**Bennett, Stanley,** Supt., Wallaceburg Water Works System, Wallaceburg, Ont., Can. (Jan. '39)

**Bennett, Walter,** Box 582, Ponca City, Okla. (Oct. '39)

**Bennett, Walter H.,** *see* Owosso Water Dept.

**Bequer y Herrera, Gustavo A.,** San. Engr., Calle 19 No. 711, Entre Paseo y a, Vedado, Havana, Cuba (July '38)

**Bergman, Leonard A.,** 294 Minnesota Ave., Buffalo, N.Y. (Jan. '38)

**Bergnes, Luis F.,** Mgr., Caibarien-Remedios Water Works Co., Box 104, Caibarien, Cuba (Oct. '41)

**Berk, Ralph G.,** Mech. Designing Engr., Dept. of Public Works, 1338 S. Harding Ave., Chicago, Ill. (July '41)

**Berkeley, Winston H.,** Plant Supt., 1002—13th Ave., Lewiston, Idaho (Jan. '39)

**Berkey, Fred L.,** Supt., Water Dept., Tillamook, Ore. (Mar. '31)

**Bernard, Hunter C.,** Chemist, Brunner, Mond Canada, Ltd., Amherstburg, Ont., Can. (Jan. '35)

**Berner, G. T.,** Asst. Sales Mgr., Anaconda American Brass, Ltd., New Toronto, Ont., Can. (Jan. '37)

**Bernhagen, Lewis O.,** Director of Sanitation, City Hall, Beaumont, Tex. (Mar. '17)

**Bernhardt, Carl J.,** Dist. San. Engr., State Dept. of Health, 601 Hotel Jamestown Bldg., Jamestown, N.Y. (Apr. '39)

**Bernstein, Louis S.,** *see* Buffalo Niagara Elec. Corp.

**Berry, Albert E.,** Director, San. Eng. Div., Ontario Dept. of Health, 235 Gainsborough Rd., Toronto, Ont., Can. (June '20) *Fuller Award '38. Director '38–'40.*

**Berry, C. Radford,** 1215 N. Second St., Harrisburg, Pa. (June '34)

**Berry, F. R.,** Engr., American Water Works & Elec. Co., 50 Broad St., New York, N.Y. (Apr. '23)

**Berry, Richard B.,** Designer, Dept. of Public Works, 1006 City Hall, Chicago, Ill. (Jan. '42)

**Besozzi, Leo,** 314 Hammond Bldg., Hammond, Ind. (May '34)

**Besselievre, Edmund B.,** Technical Expert for South American Agencies, The Dorr Co., Inc., Paseo Colon 285, Buenos Aires, Argentina (Oct. '19)

**Besterman, J. S.,** *see* Sewickley Comrs. of Water Works

**Bethlehem, City of,** Ario Wear, Director of Parks & Public Property, City Hall, Bethlehem, Pa. (Corp. M. Apr. '25)

**Bethlehem Steel Co.,** H. O. Hill, Asst. Chief Engr., Bethlehem, Pa. (Assoc. M. June '24)

**Betts, W. M.,** *see* Barada & Page, Inc.

**Betz, L. Drew,** Chem. Engr., W. H. & L. D. Betz, Gillingham & Worth Sts., Frankford, Philadelphia, Pa. (Apr. '39)

**Beverly Hills Water Dept.,** Arthur Taylor, Mgr., Box 390, Beverly Hills, Calif. (Corp. M. Sept. '26)

**Bibelhausen, Louis A.,** Supt. of Filtration, Menominee Indian Mills, Neopit, Wis. (Jan. '33)

**Bickley, Creighton D.,** Borough Engr. & Water Supt., Borough of North Caldwell, Allen Rd., North Caldwell, N.J. (Jan. '42)

**Biddle, Earl W.,** 149 Summit Rd., Elizabeth, N.J. (Oct. '37)

**Bigelow, William Russell,** Dist. Mgr., Western United Gas & Elec. Co., 1015 Chestnut St., Murphysboro, Ill. (Jan. '38)

**Biggs, George W., Jr.,** Chief Engr., American Water Works & Elec. Co., 50 Broad St., New York, N.Y. (June '16)

**Biggs, M. D.,** Supt., Water Works, City Water Dept., Martin, Tenn. (Oct. '40)

**Billings, L. C.,** Supt. & Chief Chemist, Water Purif. Plant, Dallas, Tex. (May '23)

**Bingham & Taylor Corp.,** Joe H. Gardner, 575 Howard St., Buffalo, N.Y. (Assoc. M. Mar. '82)

**Binghamton Bureau of Water,** Simon P. Carman, Asst. City Engr., Municipal Bldg., Binghamton, N.Y. (Corp. M. July '35)

**Bingley, W. McLean,** 4011 Monticello St., Richmond, Va. (Mar. '34)

**Binner, Fred E.,** Supt. of Conduits, Denver Munic. Water Works, R. 2, Box 158, Littleton, Colo. (Apr. '40)

**Birch Mfg. Co.,** Wm. T. Birch, 1523 Sedgwick St., Chicago, Ill. (Assoc. M. May '16)

**Birch, Wm. T.,** *see* Birch Mfg. Co.

**Bird, Byron,** 218 Kennedy Drive, Chevy Chase, Md. (July '24)

**Bird, Cyrus R.,** The Pitometer Co., 205 W. Wacker Drive, Chicago, Ill. (Mar. '22)

**Bird, L. C.,** *see* Phipps & Bird, Inc.

**Bird-Archer Co.,** George H. Sill, 2030 N. Natchez Ave., Chicago, Ill. (Assoc. M. July '29)

**Bird-Archer Co., Ltd.,** H. C. Harragin, Vice-Pres., McGill Bldg., Montreal, Que., Can. (Assoc. M. Oct. '37)

**Birdsall, Lewis I.,** General Chemical Co., 105 W. Madison St., Chicago, Ill. (June '13)

**Birkeness, O. T.,** Mfrs. Repr., 809 Washington Blvd., Chicago, Ill. (May '30)

**Birmingham Water Co.,** Malcolm M. Eckhardt, Gen. Mgr., 33 Elizabeth St., Derby, Conn. (Corp. M. May '09)

**Bischoff, Robert,** 8 Lansing Ave., Troy, N.Y. (Jan. '41)

**Black, A. P.,** Prof. of Agric. Chem., Univ. of Florida, Gainesville, Fla. (Apr. '29) *Director '37–'39. Fuller Award '39.*

**Black, Ernest B.,** Cons. Engr., 4706 Broadway, Kansas City, Mo. (June'13)

**Black, Hayse H.,** Sr. San. Engr., State Dept. of Public Health, 1605 S. Douglas Ave., Springfield, Ill. (Oct. '33)

**Blackburn, Duncan A.,** Asst. Engr., Pasadena Water Dept., 319 City Hall, Pasadena, Calif. (Jan. '41)

**Blackburn, Schuyler C.,** Assoc. Engr., Bureau of Water Supply, 1804 E. 31st St., Baltimore, Md. (Jan. '42)

**Blackwelder, C. D.,** Box 1516, Greenville, S.C. (May '26)

**Blaik, D. L.,** Salesman, Water Leak Detector Co., 166 N. 3rd St., Columbus, Ohio (Apr. '39)

**Blair, Clarence M.,** Cons. Engr., Box 236, 100 Crown St., New Haven, Conn. (Jan. '38)

**Blair, T. J., Jr.,** Vice-Pres. & Gen. Mgr., West Virginia Water Service Co., 814 Peoples Exchange Bldg., Charleston, W.Va. (Apr. '24)

**Blair, W. R.,** Mgr., American Cast Iron Pipe Co., 302 Sharon Bldg., 55 New Montgomery St., San Francisco, Calif. (Oct. '37)

**Blakeley, L. E.,** *see* Santa Ana Valley Irrigation Co.

**Blakeman, S. R.,** Supt., Water & Light Plant, Dyersburg, Tenn. (Jan. '27)

**Blanch G., Osvaldo J.,** Designing Engr., Ministerio de Obras Publicas, Este 2, No. 199, Caracas, Venezuela (Jan. '42)

**Blanchard, C. A.,** Water & Sewer Supt., Ephrata, Wash. (Jan. '41)

**Blanchard, R. K.,** Vice-Pres. & Engr., Neptune Meter Co., 50 W. 50th St., New York, N.Y. (June '19)

**Blankenship, Reginald L.,** 4108 Boscobel Ave., Richmond, Va. (July '40)

**Blattner, L. P.,** *see* Chicago Pump Co.

**Blidberg, P. G.,** *see* Göteborgs Vattenledningsverk

**Bliss, B. F.,** Gen. Mgr. & Vice-Pres., Independence Water Works Co., 123 W. Kansas, Independence, Mo. (Jan. '42)

**Bliss, Harold P.,** Asst. Civ. Engr., Dept. of Water & Power, Box 3669 Terminal Annex, Los Angeles, Calif. (Sept. '31)

**Blizzard, George,** Water Supt., Lamar, Colo. (Jan. '36)

**Blomquist, H. F.,** Supt., City Water Works, Cedar Rapids, Iowa (May '17)

**Bloomfield, Town of,** Jos. W. Obreiter, Town Engr., Bloomfield, N.J. (Corp. M. Oct. '37)

**Blum, Louis D.,** C.P.A., 110 E. 42nd St., New York, N.Y. (June '29)

**Blumberg, Oscar C.,** Chemist, 1619 Lincoln Ave., San Jose, Calif. (Feb. '30)

**Blundon, J. Paul,** Cons. Engr., Law Bldg., Keyser, W.Va. (Apr. '30)

**Boardman, John,** Engr., Water Dept., 210 S. Poinsettia Ave., Compton, Calif. (Jan. '36)

**Boardman, William H.,** Civ. Engr., 426 Walnut St., Philadelphia, Pa. (Apr. '09)

**Boas, Carl H.,** Secy., Mt. Penn Suburban Water Co., 2227 Perk Ave., Reading, Pa. (July '35)

**Bock, A. W.,** Mgr., Texas Water Co., 6927 Appleton, Houston, Tex. (Oct. '39)

**Bock, Fred F.,** Executive, Artesian Well & Equipment Co., 30 Church St., New York, N.Y. (Apr. '42)

**Boekley, Fred,** Distr. Supervisor, Bureau of Water Supply, 565 Johnston St., Akron, Ohio (Affil. Jan. '41)

**Boettiger, W. O.,** Salesman, Columbia Steel Co., Box 3040 Terminal Annex, Los Angeles, Calif. (Oct. '37)

**Bogert, Clinton L.,** Cons. Engr., 30 Church St., New York, N.Y. (Jan. '24)

**Boggs, Harry,** C.P.A., 803 Electric Bldg., Indianapolis, Ind. (Mar. '30)

**Bohmann, H. P.,** 2019 E. Kenwood Blvd., Milwaukee, Wis. (May '13)

**Bolieau, Clifton W.,** Assoc. San. Engr., Design Div., Tennessee Valley Authority, 215 Union Bldg., Knoxville, Tenn. (Apr. '42)

**Bollenbach, W. M.,** *see* Johnson, Edward E., Inc.

**Bolson, John W.,** see Oconomowoc Water Dept.

**Boncher, Hector P.,** Sales Mgr., Dresser Mfg. Co., Bradford, Pa. (Jan. '37)

**Bond, Horatio,** Chief Engr., National Fire Protection Assn., 60 Batterymarch St., Boston, Mass. (July '39)

**Bond, Robert M.,** Asst. Acct., Munic. Sec., Hydroelec. Power Com. of Ontario, 620 University Ave., Toronto, Ont., Can. (Apr. '38)

**Boniface, Arthur,** Village Engr. & Mgr., Popham & Post Rds., Scarsdale, N.Y. (Jan. '38)

**Bonn, George S.,** Research Engr., City Water, Light & Power Dept., City Hall, Springfield, Ill. (Jan. '40) ★

**Bonyun, Richard E.,** Gen. Supt., Passaic Valley Water Com., 137 Ellison St., Paterson, N.J. (Oct. '35)

**Booker, Warren H.,** Director, Div. of Sanitation, State Board of Health, Raleigh, N.C. (Dec. '31)

**Boone, Dan M.,** *see* Little Rock Munic. Water Works

**Boone Water Dept.,** Geo. A. Nelson, Supt., Boone, Iowa (Corp. M. Jan. '40)

**Booth, A. A. K.,** Spring Hill, Storrs, Conn. (Oct. '40)

**Booth, George W.,** National Board of Fire Underwriters, 85 John St., New York, N.Y. (Feb. '24)

**Boquist, Walter H.,** Comptroller, Hackensack Water Co., 555—57th St., West New York, N.J. (Jan. '41)

**Borden, Moro M.,** Chief Engr., Simplex Valve & Meter Co., Philadelphia, Pa. (June '12)

**Borgford, Th. B.,** 4019 Hingston Ave., N.D.G., Montreal, Que., Can. (Jan. '37)

**Bork, J. F.,** Treas. & Gen. Mgr., East Brainerd Utility Dist., R. No. 6, Brainerd Rd., Chattanooga, Tenn. (Jan. '41)

**Bornemann, George F.,** Supt., Massapequa Water Dist., Central Ave., Massapequa, N.Y. (Apr. '38)

**Borton, Fred W.,** Member of Board, Dept. of Water & Sewers, ℅ Miami Broadcasting Co., Postal Bldg., Miami, Fla. (Apr. '42)

**Botten, H. H.,** Asst. Mgr., Washington Survey & Rating Bureau, Box 1818, Seattle, Wash. (Jan. '24)

**Boucher, George,** *see* Paris Public Utilities Com.

**Boudreau, A. J.,** Supt., Water & Light, Keewatin, Minn. (Oct. '40)

**Bouey, Howard L.,** Constr. Foreman, Los Angeles Dept. of Water & Power, 5938 Matilija St., Van Nuys, Calif. (Oct. '34)

**Bouey, John H.,** Dist. Supt., Los Angeles Dept. of Water & Power, 14238 Friar St., Van Nuys, Calif. (Oct. '32)

**Boulden, R. L.,** *see* Riverside Water Dept.

**Boulder Water Dept.,** H. C. McClintock, City Mgr., Boulder, Colo. (Corp. M. Jan. '27)

**Boulware, C. E.,** Supt., Munic. Water Works, Markle, Ind. (Affil. Jan. '39)

**Boundy, Jas. R.,** Supt., East Peoria Water Dept., 132 Woodrow Drive, East Peoria, Ill. (Oct. '41)

**Bourbon Copper & Brass Works Co.,** 618 E. Front St., Cincinnati, Ohio (Assoc. M. Apr. '84)

**Bourgin, Charles G.,** Asst. Supt., Bureau of Water Supply, 54 Watchung Ave., Montclair, N.J. (July '37)

**Bovard, Paul F.,** California Filter Co., 981 Folsom St., San Francisco, Calif. (Aug. '26)

**Bovee, Clifton,** Chemist, San. Eng. Div., Bureau of Water Works & Supply, Box 3669 Terminal Annex, Los Angeles, Calif. (Oct. '40)

**Bow, Wilson F.,** Sr. Public Health Engr., State Dept. of Health, 1403 Smith Tower, Seattle, Wash. (Jan. '39)

**Bowe, Thomas F.,** Cons. Engr., 110 William St., New York, N.Y. (Feb. '20)

**Bowen, Charles Stanley,** 43 Rooney St., Burnley, Victoria, Australia (Feb. '29)

**Bowen, M. R.,** *see* Whittier, City of

**Bowering, Reginald,** Public Health Engr., Provincial Board of Health, Parliament Bldgs., Victoria, B.C., Can. (Oct. '41)

**Bowers, Herbert L.,** Service Mgr., The Permutit Co., 330 W. 42nd St., New York, N.Y. (Jan. '36)

**Bowlby, H. V.,** *see* Stannard Power Equipment Co.

**Bowling Green City Water Co.,** William Insull, Mgr., 109 N. Main St., Bowling Green, Ohio (Corp. M. Jan. '39)

**Bowman, Abraham M.,** Supt. of Public Utilities, Elmira, Ont., Can. (Oct. '19) *Fuller Award '39.*

**Bowman, Harry B.,** 2642 Baird Blvd., Camden, N.J. (Jan. '38)

**Bowser, Orval A.,** Supt. of Water Works, Box 21, Kittanning, Pa. (Apr. '40)

**Boyce, Earnest,** Chief Engr. & Director, Div. of Sanitation, State Board of Health, Lawrence, Kan. (Apr. '26)

**Boyd, George E.,** New York Dist. Mgr., Wailes Dove-Hermiston Corp., 17 Battery Pl., New York, N.Y. (May '31)

**Boyd, H. W.,** Supt., Water Dept., Box 22, Williamstown, W.Va. (Affil. Jan. '39)

**Boykin, H. P.,** Assoc. Prof. of Civ. Eng., Virginia Military Institute, Lexington, Va. (Oct. '34)

**Boyle, John L.,** Mgr., Portland Office, Pacific States Cast Iron Pipe Co., 501 Spalding Bldg., Portland, Ore. (Jan. '35)

**Boyles, Richard H.,** Mgr.-Resident Engr., Fox Chapel Authority, Fox Chapel Rd., Pittsburgh 15, Pa. (July '40)

**Boynton, Perkins,** Chemist-in-Charge, Clarksburg Water Board, 228 Sumner St., Clarksburg, W.Va. (June '20) *Fuller Award '40.*

**Bozeman, City of,** Fred Quinnell, City Mgr., City Hall, Bozeman, Mont. (Corp. M. Jan. '33)

**Brackney, Fred,** *see* Canon City Water Dept.

**Bradley, C. J.,** *see* Dayton Foundry, Inc.

**Bradley, J. F.,** Chief Engr., R.F.D. 1, Valparaiso, Ind. (Feb. '21)

**Bradner, E. A.,** *see* New Mexico Power Co.—Agua Pura Div.

**Brady, John J.,** Designer, Div. of Water Purif., 1247 W. Garfield Blvd., Chicago, Ill. (Jan. '42)

**Brady, R. D.,** Supt., Crossville Water Dept., Crossville, Tenn. (Apr. '41)

**Bragg, George H.,** Engr. of Maint., 245 Market St., San Francisco, Calif. (Oct. '22)

**Braidech, Mathew M.,** Assoc. Prof. of Ind. & San. Chem., Case School of Applied Science, University Circle, Cleveland, Ohio (May '30) *Goodell Prize '36.*

**Brainard, Elliott E.,** Treas., Lock Joint Pipe Co., Box 21, Ampere, N.J. (Jan. '37)

**Brainard, F. S., & Co.,** Frank S. Brainard Jr., Vice-Pres., 246 Palm St., Hartford, Conn. (Assoc. M. Jan. '39)

**Brainard, Frank S., Sr.,** Distr. Engr., Water Bureau Metropolitan Dist. Com., Pilgard Bldg., 1026 Main St., Hartford, Conn. (Apr. '39)

**Brainard, Frank S., Jr.,** *see* Brainard, F. S., & Co.

**Brakenridge, C.,** City Engr., City Hall, Vancouver, B.C., Can. (Nov. '23)

**Braman, T. G.,** Mgr., Citizens Water Co., 62 E. Wheeling St., Washington, Pa. (Oct. '40)

**Brampton Water Com.,** J. Patterson, Chairman, Brampton, Ont., Can. (Corp. M. Feb. '23)

**Brandis, Fred E.,** Supt., Munic. Water Works, Blaine County, Chinook, Mont. (Mar. '25) *Fuller Award '39.*

**Brandriff, Alfred,** *see* Millville Water Co.

**Brannen, Francis M.,** Bottlers' Service Dept., The Coca-Cola Co., 310 North Ave., N.W., Drawer 1734, Atlanta, Ga. (Jan. '42)

**Brannock, D. York,** Chem. Engr., Water Works & Sewage Disposal Plant, 315 Vance St., Laurinburg, N.C. (Oct. '39)

**Branson, William S.,** Supt., Munic. Light & Water Plant, Municipal Bldg., Madisonville, Ky. (Jan. '40)

**Brantford Public Utilities Com.,** C. A. Waterous, Chairman, Brantford, Ont., Can. (Corp. M. May '14)

**Brantly, E. C.,** Mgr., Water, Gas & Elec. Depts., Danville, Va. (Feb. '27)

**Braun, E. J.,** *see* Fond du Lac City Water Dept.

**Bready, Ira J.,** Sales Engr., The Permutit Co., 3119 Griest Ave., Cincinnati, Ohio (Jan. '38)

**Breckenridge, W. D.,** Borough Mgr., Grove City, Pa. (July '41)

**Breitenbach, William E.,** Chem. Engr., Technical Dept., Rayonier, Inc., Grays Harbor Div., Hoquiam, Wash. (July '40)

**Breithaupt, J. C.,** *see* Kitchener Water Com.

**Breitkreutz, E. W.,** Asst. Engr., Pipe Constr., Dept. of Water & Power, 410 Ducommun St., Los Angeles, Calif. (Oct. '29)

**Breniman, E. H.,** Supt., Water Dept., Box 125, Parco, Wyo. (Jan. '38)

**Brennan, Ralph F.,** Supt., Munic. Water Treatment Plant, Daytona Beach, Fla. (Jan. '38)

**Brenneke, A. M.,** Cons. Engr., 1201 W. Walker St., Denison, Tex. (Oct. '34)

**Bretz, C. E.,** 1221 N. Penna Ave., Oklahoma City, Okla. (Aug. '23)

**Brewer, E. E.,** Supt., Water Dept., City Hall, Shelton, Wash. (Apr. '41)

**Brickenden, F. M.,** Dist. Engr., Dept. of National Health, 66 Ethelbert St., Winnipeg, Man., Can. (June '28)

**Brickey, M. L.,** Gen. Mgr., Knox County Water Co., Fountain City, Tenn. (July '35)

**Briggs, Raymond J.,** Cons. Engr., 210 Noble Bldg., Boise, Idaho (Jan. '41)

**Briggs, W. A., Bitumen Co., Inc.,** W. Ronald Briggs, 3303 Richmond St., Philadelphia, Pa. (Assoc. M. Jan. '35)

**Briggs, W. Ronald,** *see* Briggs, W. A., Bitumen Co., Inc.

**Bright, Marshall,** Supt. of Filtration, Pacific Mills, 9 Upland St., Lyman, S.C. (Jan. '39)

**Brinkerhoff, Marvin J.,** Secy., Bogota Water Co., 78 W. Main St., Bogota, N.J. (July '38)

**Brisbane, Eugene C.,** 1638 Shenandoah Rd., San Marino, Calif. (Jan. '36)

**Bristol, H. C.,** 501 Maury St., Alcoa, Tenn. (July '35)

**Bristol, Tenn., City of,** R. J. Mottern, Comr., Dept. of Streets & Public Property, Bristol, Tenn. (Corp. M. July '38)

**Bristol, Theodore L.,** Pres. & Mgr., Ansonia Water Co., 354 Main St., Ansonia, Conn. (June '34)

**Bristol, Va., City of,** P. A. Goodwin, Acting City Mgr., Bristol, Va. (Corp. M. Jan. '40)

**Britton, J. C.,** Supt., Avon Lake Water Dept., Groveland Drive, Avon Lake, Ohio (Affil. Jan. '40)

**Brodbeck, Chas.,** Supt., Water Works, Decatur, Ind. (Apr. '40)

**Bromschwig, A. C.,** Salesman, Hersey Mfg. Co., 5605—11th Ave., S., Minneapolis, Minn. (Apr. '39)

**Bronson, Deming,** *see* Hill, Hubbell & Co. Div.

**Brooks, Frank M.,** *see* Art Concrete Works

**Brooks, Fred,** Supt., Pipe Constr., Bureau of Water Works & Supply, 1308 Micheltorena St., Los Angeles, Calif. (Apr. '36)

**Brooks, John N.,** 339 Bellevue Ave., Trenton, N.J. (Feb. '12)

**Brooks, R. H.,** Supt., Light & Water Dept., Ruston, La. (Oct. '34)

**Brooks, Thomas,** 2045 N. Catalina St., Los Angeles, Calif. (Sept. '25) *Honorary M. '37.*

**Brotz, J. K.,** *see* Silver Creek Water Works

**Brouillette, Carl V.,** 121 S. Leonard St., Liberty, Mo. (Oct. '41)

**Brown, C. E.,** Mgr., Public Utilities Com., Meaford, Ont., Can. (Mar. '32)

**Brown, Carl N.,** Asst. Western Sales Mgr., U.S. Pipe & Foundry Co., 122 S. Michigan Ave., Chicago, Ill. (Oct. '39)

**Brown, Carleton,** *see* Dresden, Town of

**Brown, Claude R.,** Mgr., American Cast Iron Pipe Co., 412 W. 6th St., Los Angeles, Calif. (Aug. '31)

**Brown, Cleo E.,** Supt., Munic. Water Plant, 711 N. Independence St., Harrisonville, Mo. (July '39)

**Brown, E. W.,** *see* Kentucky Utilities Co.

**Brown, Edward,** Supt. of Water Works, Eau Claire, Wis. (Jan. '21)

**Brown, George C.,** Chief Engr., City of Toronto, 40 Rathnelly Ave., Toronto, Ont., Can. (July '41)

**Brown, H. L.,** *see* Salina Water Dept.

**Brown, Herbert H.,** Supt. of Water Works, City Hall, Milwaukee, Wis. (Nov. '29) *Director '41–'43.*

**Brown, Horace A.,** Cons. Engr. & Supt. of Water Works, Ottumwa, Iowa (June '11)

**Brown, J. B.,** Pres., Erwin Water Co., Erwin, Tenn. (Apr. '40)

**Brown, J. O.,** Mgr., Pump & Eng. Dept., Crane-O'Fallon Co., 1631 Fifteenth St., Denver, Colo. (Jan. '30)

**Brown, James R.,** National Water Main Cleaning Co., 205 W. Wacker Drive, Chicago, Ill. (July '34)

**Brown, John L., Jr.,** Supt., Cannon Mills Co., Box 242, Concord, N.C. (Jan. '39)

**Brown, K. W.,** San. Engr., California Water Service Co., 374 W. Santa Clara St., San Jose, Calif. (July '27)

**Brown, L. V. Z.,** Sales Engr., Wallace & Tiernan Co., Inc., 3900 Purdue St., Dallas, Tex. (July '38)

**Brown, M. W.,** *see* Orlando Public Utilities Com.

**Brown, Ross M.,** Supt. of Water Works, 126 Lake St., Plymouth, Ind. (Jan. '41)

**Brown, Walter M.,** Office Engr., Long Beach Water Dept., 400 Municipal Utilities Bldg., Long Beach, Calif. (May '34)

**Browne, F. G.,** *see* Teck, Township of

**Brownell, O. E.,** San. Engr., State Dept. of Health, Div. of Sanitation, University Campus, Minneapolis, Minn. (Apr. '32)

**Browning, Robert T.,** Wallace & Tiernan Co., Inc., Newark, N.J. (Apr. '36)

**Brownlee, H. A.,** Water Supt., City Hall, West Monroe, La. (July '39)

**Brownson, Bruce,** City Mgr., City Hall, Grand Junction, Colo. (Jan. '40)

**Brownstead, J. P.,** Supt. of Water Works, 921 Prospect Pl., Ashland, Ky. (Apr. '38) *Fuller Award '41.*

**Broyles, William Lebeck,** 2425 J Ave., National City, Calif. (Jan. '39)

**Bruden, C. O.,** Wallace & Tiernan Co., Inc., 432—119 E. Washington Ave., Madison, Wis. (Mar. '29)

**Bruhn, Alfred H.,** San. Engr., Carrera 5A, Calle 16, Bogota, Colombia (Apr. '38)

**Brumbaugh, W. V.,** Secy., National Lime Assn., 927—15th St., N.W., Washington, D.C. (Mar. '29)

**Brune, Fred H.,** Sales Mgr., Rensselaer Valve Co., Monadnock Bldg., Chicago, Ill. (Sept. '31)

**Brunstein, Maurice,** Asst. Supt. & Engr., Water Dept., 311 City Hall Annex, Atlantic City, N.J. (July '35)

**Brunton, Chas. L.,** Supt., Jackson Mutual Water Co., Main St., Jackson, Ohio (July '35)

**Brush, Frederick Clinton,** Mgr., Bound Brook Water Co., 519 Watchung Rd., Bound Brook, N.J. (Jan. '24)

**Brush, Wm. W.,** 440 Park Ave., New York, N.Y. (Feb. '11) *Treasurer '22–'27, '30–. Vice-Pres. '28. President '29. Diven Medal '32. Honorary M. '37.*

**Bryan, W. D., Jr.,** Mgr., Water Plant, Tarboro, N.C. (July '40)

**Bryan, Wayne G.,** Supt., Water Dept., Portage, Wis. (July '37)

**Buccowich, Paul, Jr.,** Supt., Light & Water Dept., Ely, Minn. (May '33)

**Buchanan, Bruce,** Pres., Bruce Buchanan, Inc., 509 Pontiac Bank Bldg., Pontiac, Mich. (July '41)

**Buchanan, Edward Victor,** Gen. Mgr., Public Utilities Com., London, Ont., Can. (Apr. '26)

**Buchanan, Gerrit S.,** R.D. No. 5, Washington, Pa. (June '30)

**Buchanan, Hugh,** Cia Consolidada de Aguas, Corrientes del Rosario Ltda., Rosario de Santa Fe, Argentina (June '24)

**Buchanan, J. K.,** Vice-Pres., Monongahela System, Fairmont, W.Va. (Oct. '40)

**Buck, George H.,** Cons. Engr., 1900 F St., N.W., Washington, D.C. (Jan. '26)

**Buckingham, J. E.,** Supt. & City Engr., Water Dept., Raymond, Wash. (Apr. '39)

**Buffalo Div. of Water,** Alan D. Drake, Director of Water, City Hall, Buffalo, N.Y. (Corp. M. June '21)

**Buffalo Meter Co.,** Chas. K. Bassett, 2917 Main St., Buffalo, N.Y. (Assoc. M. June '05)

**Buffalo Niagara Elec. Corp.,** Louis S. Bernstein, Electric Bldg., Buffalo, N.Y. (Corp. M. Apr. '37)

**Bugbee, Alvin,** Supt. & Engr., Trenton Water Dept., 565 Rutherford Ave., Trenton, N.J. (July '39)

**Buhler, William,** Town Mgr., Wray, Colo. (Oct. '37)

**Builders-Providence, Inc.,** Chas. G. Richardson, 9 Codding St., Providence, R.I. (Assoc. M. June '01)

**Bull, E. V.,** Mayor & Chairman, Board of Public Works, Linton Munic. Water Dept., Linton, Ind. (Oct. '39)

**Bull, Irving C.,** Cons. Chemist, 86 Highland Ave., Middletown, N.Y. (June '06)

**Bull, Jos.,** Chairman, Public Utilities Com., Water Works Dept., Collingwood, Ont., Can. (Jan. '42)

**Bullock, DeWitt H.,** Supt. of Water System, 80 Walnut St., Canajoharie, N.Y. (Jan. '28)

**Bundy, Dan E.,** Topographical Draftsman, Dept. of Water & Power, Box 3669 Terminal Annex, Los Angeles, Calif. (Apr. '38)

**Bunker, George C.,** Cons. Engr., Apdo. 168, Caracas, Venezuela (Feb. '11)

**Bunnell, Kenneth J.,** Asst. Supt. of Water Plants, Metropolitan Utilities Dist., 5335 N. 25th Ave., Omaha, Neb. (June '34)

**Burack, William D.,** Engr., Wallace & Tiernan Co., Inc., 90 Sycamore Ave., Livingston, N.J. (Jan. '36)

**Buratti, Carl,** Johns-Manville Sales Corp., 1207 Architects Bldg., Los Angeles, Calif. (Jan. '38)

**Burbank Public Service Dept.,** J. H. McCambridge, Gen. Supt., 174 S. Magnolia Blvd., Burbank, Calif. (Corp. M. June '27)

**Burchard, Edwin Day,** Dist. Engr., U.S. Geological Survey, 220 Post Office Bldg., Asheville, N.C. (Jan. '25)

**Burden, Martin L.,** Cons. Engr., 103½ S. Harrison St., Alexandria, Ind. (Oct. '39)

**Burdick, Charles B.,** Hydr. & San. Engr., 1401 Civic Opera Bldg., Chicago, Ill. (July '07)

**Burgess, George S.,** *see* New Jersey State Water Policy Com.

**Burgess, Henry C.,** Chem. Engr., 35 E. Wacker Drive, Chicago, Ill. (July '41)

**Burgess, John,** Office Engr., Board of Water Comrs., Box 629, Denver, Colo. (Oct. '37)

**Burgess, Philip,** Cons. Engr., 568 E. Broad St., Columbus, Ohio (Apr. '11)

**Burgess, R. V.,** Town Clerk, Leaside, Ont., Can. (Apr. '41)

**Burgum, Harry P.,** *see* Minneapolis Com. of Water Works

**Burgund, Robert E.,** Dist. Mgr., Water Works Supply Co., 912 Pershing Square Bldg., Los Angeles, Calif. (Jan. '41)

**Burnett, F. T.,** Box 522, Susanville, Calif. (July '35)

**Burnett, H. A., Jr.,** Bacteriologist, Difco Labs., Inc., 920 Henry St., Detroit, Mich. (Jan. '36)

**Burnham, Lyle M.,** Supt., Water Works, Civic Center, Bartlesville, Okla. (Oct. '40)

**Burnie, Arthur N.,** Consumers Water Co., Box 151, Pearl St. Station Portland, Me. (Mar. '16)

**Burnson, Blair I.,** East Bay Munic. Utility Dist., 512—16th St., Oakland, Calif. (Jan. '35)

**Buroker, H. M.,** Mgr., Light & Water Dept., Bonners Ferry, Idaho (Jan. '39)

**Burris, Milton D.,** Dept. of Water & Power, Box 3669 Terminal Annex, Los Angeles, Calif. (Jan. '34)

**Burroughs Adding Machine Co.,** A. Knaff, Public Utilities Sales, Second Blvd., Detroit, Mich. (Assoc. M. Mar. '26)

**Burton, H. K.,** *see* Salt Lake City Corp. Water Dept.

**Burwell, John H.,** *see* Schenectady, City of

**Bushnell, Charles A.,** 19 John St., Westfield, N.J. (Apr. '37)

**Bushway, Walter B.,** Supt., Water Dept., Town Hall, Brookline, Mass. (Jan. '42)

**Buswell, A. M.,** Chief, State Water Survey Div., Urbana, Ill. (Mar. '16)

**Butler, T. C., Jr.,** Hydr. Engr., Pomona Pump Co., Route 5, Boise, Idaho (Jan. '40)

**Buttenheim, Edgar J.,** *see American City*

**Buttler, L. S.,** Div. Mgr., Northeastern Water & Elec. Service Corp., West End of Walnut St. Bridge, Lemoyne, Pa. (Jan. '39)

**Butty, Enrique,** *see* Argentina, Obras Sanitarias de la Nacion

**Buzzard, Lester L.,** Repr., Hays Mfg. Co., Box 687, Greenville, S.C. (Apr. '41)

**Byers, A. M., Co.,** M. J. Czarniecki, Vice-Pres., Clark Bldg., Pittsburgh, Pa. (Assoc. M. June '21)

**Byers, Chester A.,** Asst. Gen. Mgr., Johnstown Water Co., 1156 Luzerne St., Johnstown, Pa. (Apr. '37)

**Byrne, Walter S.,** Gen. Mgr., Metropolitan Utilities Dist., Utilities Bldg., Omaha, Neb. (Oct. '39)

**Byron, J. Colbert,** San. Chemist, Bangor Water Dept., R.F.D. No. 7, Bangor, Me. (Jan. '41) ★

**Byron Jackson Co.,** W. N. Beadle, Vice-Pres., Box 2017 Terminal Annex, Los Angeles, Calif. (Assoc. M. Sept. '24)

**Byron, M. B.,** Water Comr., Water Dept., Box 443, Bellingham, Wash. (Affil. Apr. '40)

**Cable, H. Edward,** Mgr., Aluminate Chemicals, Ltd., 555 Eastern Ave., Toronto, Ont., Can. (Jan. '42)

**Cadman, Robert M.,** 244 Cambridge Ave., Red Bank, N.J. (May '24)

**Cadmus, Peter H.,** Supt. of Shops & Meters, Water Dept., City Hall, East Orange, N.J. (Affil. Oct. '38)

**Cady, H. R.,** Mech. Engr., Hackensack Water Co., 624 Park Ave., Weehawken, N.J. (June '29)

**Cady, Lowell,** Engr., Wiedeman & Singleton, 712 Cumberland Circle, N.E., Atlanta, Ga. (Jan. '40)

**Cain, Giles L.,** Supt., City Water Works, 224 N. Main St., South Bend, Ind. (Jan. '39)

**Caird, James M.,** Chemist & Bacteriologist, Cannon Bldg., Broadway & 2nd St., Troy, N.Y. (May '00) *Treasurer '14–'21. Honorary M. '42.*

**Calcavecchia, Stefano,** Cons. Engr., Edificio la Metropolitana 310, Havana, Cuba (July '38)

**Calder, Norman,** Supt. & Chairman, Southampton Public Utilities, Southampton, Ont., Can. (Apr. '42)

**Calderara, Orall J.,** Asst. San. Engr., 2121 Virginia Ave., N.W., Washington, D.C. (Oct. '40)

**Caldwell, David H.,** Univ. of Illinois, 113 Talbot Lab., Urbana, Ill. (Jr. M. Jan. '41)

**Caldwell, H. L.,** Cons. Engr., Caldwell Engineering Co., Jacksonville, Ill. (Apr. '36)

**Caldwell, James A.,** Rushville, Ind. (Apr. '36)

**Calgon, Inc.,** Everett P. Partridge, Director of Research, Bowman Bldg., Pittsburgh, Pa. (Assoc. M. Jan. '39)

**California Corrugated Culvert Co.,** Claude T. Faw, Fifth & Parker Sts., West Berkeley, Calif. (Assoc. M. Aug. '27)

**California Oregon Power Co., The,** Harry Olsen, Medford, Ore. (Corp. M. Apr. '40)

**Call, Albert L.,** Supt., Las Flores Water Co., 428 Sacramento St., Altadena, Calif. (Apr. '41)

**Callahan, Harry C.,** Pres., Lake Mohawk-Sparta Water Co., White Deer Plaza, Sparta, N.J. (Jan. '37)

**Callan, John,** *see* Tennessee Eastman Corp.

**Calvert, Cecil K.,** Supt. of Purif., Indianapolis Water Co., 113 Monument Circle, Indianapolis, Ind. (Nov. '20) *Director '41–'43.*

**Calvet, Carlos M.,** *see* Cuba, Cia de Acueducto de, S.A.

**Cameron, W. J. D.,** Civ. Engr., Anthes Foundry, Ltd., Saskatchewan Ave., Winnipeg, Man., Can. (Jan. '40)

**Camp, T. A.,** *see* Mineral Wells City Water Works

**Camp, Thos. R.,** Assoc. Prof. of San. Eng., Massachusetts Institute of Technology, Cambridge A, Mass. (Jan. '30)

**Campbell, Elmer W.,** State Dept. of Health, Augusta, Me. (Dec. '23)

**Campbell, Glen W.,** Chemist, Water Dept., 710 Forest St., Bellingham, Wash. (Apr. '38) ★

**Campbell, Jas. D.,** Asst. Dist. Mgr., Dayton Power & Light Co., 130 N. South St., Wilmington, Ohio (Apr. '41)

**Campbell, John T.,** The Chester Engrs., 210 E. Parkway at Sandusky, N.S., Pittsburgh, Pa. (Oct. '31)

**Campbell, Joseph D.,** Supt., Merchantville-Pennsauken Water Com., 13 W. Maple Ave., Merchantville, N.J. (Oct. '38)

**Campbell, M. S.,** Chief Public Health Engr., State Dept. of Health, 1412 Smith Tower, Seattle, Wash. (Apr. '38)

**Campbell, S. E.,** Secy. & Mgr., Boonville Water Co., Boonville, Ark. (Oct. '40)

**Camy, L. L.,** Local Mgr., California Water Service Co., 4013 Whittier Blvd., Los Angeles, Calif. (May '30)

**Canadian Engineer Publications, The,** 341 Church St., Toronto 2, Ont., Can. (Assoc. M. May '16)

**Canastota Water Dept.,** Jay H. Ostrander, Center St., Canastota, N.Y. (Corp. M. Oct. '41)

**Cannard, Richard E.,** Engr., Manitowoc Public Utilities Com., 817 Franklin St., Manitowoc, Wis. (Jan. '42)

**Cannon, Samuel C.,** *see* Middletown Water Dept.

**Canon City Water Dept.,** Fred Brackney, Supt., Box 407, Canon City, Colo. (Corp. M. Apr. '26)

**Cantley, C. G.,** Operator, Clendenin Water Co., Inc., Clendenin, W.Va. (Affil. Jan. '40)

**Canton Munic. Utilities,** Water Works Dept., W. M. Reid, Box 114, Canton, Miss. (Corp. M. Jan. '39)

**Cantrell, E. L.,** Dist. Mgr., Neptune Meter Co., 815 W. Market St., Louisville, Ky. (Apr. '39)

**Cantrell, Frank M.,** Supt., Water Works, Etowah, Tenn. (Apr. '41)

**Capen, Charles H.,** Chief Engr., North Jersey Dist. Water Supply Com., 8 Florence Pl., West Orange, N.J. (Apr. '30) *Fuller Award '38.*

**Caplan, Louis R.,** 1660 Lanier Pl., Washington, D.C. (Oct. '39)

**Capron, John D.,** Pres., Glamorgan Pipe & Foundry Co., Lynchburg, Va. (Jan. '24)

**Card, S. L.,** *see* Ambridge Water Dept.

**Carlisle, O. B.,** Engr. of Water Works Design, 402 City Hall, Chicago, Ill. (Apr. '41)

**Carlson, A. H.,** *see* East Helena, City of

**Carlson, Axel,** Water Supt., Ketchikan Public Utilities, Ketchikan, Alaska (Apr. '40)

**Carlson, E. T.,** Supt., City Water Dept., 1051 Gillispie Ave., Sarasota, Fla. (Jan. '41)

**Carlton, Frank,** Sales Engr., Lohman Bros., Inc., 1449 S. San Pedro St., Los Angeles, Calif. (Oct. '39)

**Carlton, Leland Gardner,** Supt., Munic. Water Works, City Hall, Springfield, Mass. (July '41)

**Carman, Simon P.,** *see* Binghamton Bureau of Water

**Carmichael, David W.,** Director of Public Utilities, Municipal Bldg., Verona, N.J. (Oct. '39)

**Carmien, R. P.,** Coast Agent, Golden-Anderson Valve Specialty Co., 1800 Canyon Drive, Los Angeles, Calif. (Oct. '34)

**Carns, James G., Jr.,** Mgr., Bristol County Water Co., Bristol, R.I. (Oct. '35)

**Carolina Aluminum Co.,** A. J. Rice, Asst. Property Supt., Badin, N.C. (Corp. M. Nov. '24)

**Carollo, John A.,** Constr. Engr., Headman, Ferguson & Carollo, 319 Homebuilders Bldg., Phoenix, Ariz. (Jan. '39)

**Carpenter, Chas.,** Technical Director, Southland Paper Mills, Inc., Lufkin, Tex. (Apr. '42)

**Carpenter, George,** Supt., Water Dept., Municipal Water Bldg., Ithaca, N.Y. (Jan. '35)

**Carpenter, W. N.,** Supt., La Canada Irrigation Dist., Box 162, La Canada, Calif. (Oct. '38)

**Carr, J. A.,** Supt., Village Water Dept., Ridgewood, N.J. (May '16)

**Carroll, Eugene,** Vice-Pres. & Mgr., Butte Water Co., Butte, Mont. (June '04) *Director '31.*

**Carroll, Hugh J.,** Engr. of Water Extension, City Hall, Yonkers, N.Y. (Apr. '31)

**Carroll, John J.,** Neptune Meter Co., 5255 Carrollton Ave., Indianapolis, Ind. (Jan. '38)

**Carson, H. Y.,** *see* Carson-Cadillac Corp.

**Carson-Cadillac Corp.,** H. Y. Carson, Pres., Box 67 Tarrant Branch, Birmingham, Ala. (Assoc. M. Jan. '37)

**Cartan, Henry,** *see* Suburban Water Co. (San Francisco)

**Carter, Earl L.,** Cons. Engr., 910 Electric Bldg., Indianapolis, Ind. (Dec. '32)

**Carter, K. M.,** Mgr., Federal Equipment Co., 155 King St., Chatham, Ont., Can. (Apr. '42)

**Carty, J. V.,** Secy., Ohio Water Service Co., 235 State St., Struthers, Ohio (Jan. '36)

**Cary, E. S.,** Supt. of Water Works, Evansville, Wis. (Oct. '35)

**Cary, Edmund S.,** Eng. Aide, San Joaquin Local Health Dist., 807 N. El Dorado St., Stockton, Calif. (July '41)

**Casad, Charles C.,** City Engr. & Supt., Water Dept., City Hall, Bremerton, Wash. (Jan. '26)

**Casad, Orla,** Supt. of Water Works, Box 624, Merced, Calif. (Nov. '24)

**Case, Boyd,** Mgr., Edwardsville Water Co., 112 N. Main St., Edwardsville, Ill. (Jan. '39)

**Case, Egbert D.,** Vice-Pres., The Pitometer Co., 50 Church St., New York N.Y. (Mar. '21) *Director '33–'35.*

**Casper, City of,** J. F. Cowan, Mayor, City Hall, Casper, Wyo. (Corp. M. Oct. '37)

**Cassidy, Edwin J.,** Supt., Wayne Township Water Dept., Municipal Bldg., Mountain View, N.J. (July '41)

**Caswell, H. H.,** *see* Ann Arbor Water Dept.

**Cates, Walter H.,** Salesman, Western Pipe & Steel Co., 153 Sierra View Rd., Pasadena, Calif. (Sept. '31)

**Cattell, Everett D.,** Supt., Water Distr., 515 Water St., Jackson, Mich. (Jan. '41)

**Cecil, Lawrence K.,** 747 Kennedy Bldg., Tulsa, Okla. (Jan. '28)

**Cedar Rapids City Water Works,** H. F. Blomquist, Supt., City Hall, Cedar Rapids, Iowa (Corp. M. Jan. '36)

**Ceely, Lyman,** *see* Allendale, Water Dept. of Boro of

**Central Foundry Co., The,** R. F. Garcia, 386 Fourth Ave., New York, N.Y. (Assoc. M. June '03)

**Central Power & Light Co.,** A. R. Kennedy, Corpus Christi, Tex. (Corp. M. July '36)

**Centralia City Water Dept.,** Emil F. Jayne, Centralia, Ill. (Corp. M. Oct. '41)

**Centriline Corp.,** H. Seaver Jones, Pres., 140 Cedar St., New York, N.Y. (Assoc. M. Jan. '40)

**Chadwick, H. M.,** Engr., California Corrugated Culvert Co., 2602 Seventh St., Berkeley, Calif. (Jan. '41)

**Chain Belt Co.,** W. B. Marshall, Sales Mgr., Conveying & Eng. Products Div., 1600 W. Bruce St., Milwaukee, Wis. (Assoc. M. Apr. '41)

**Chalfant, John C.,** Supt., Water Works, City Hall, Fort Lauderdale, Fla. (Mar. '31)

**Chamberlain, L. H.,** American Well Works, 165 Broadway, New York, N.Y. (Jan. '24)

**Chamberlin, Noel S.,** San. Chemist, Technical Service Div., Wallace & Tiernan Co., Inc., Newark, N.J. (Jan. '42)

**Chambers, Grover,** Water Supt., Cheney, Wash. (Apr. '38)

**Champ, Wm. T.,** Supt., Village of Sherburne, N.Y. (Jan. '39)

**Chandley, Harry B.,** Mgr., Beaver Falls Munic. Authority, 1425—8th Ave., Beaver Falls, Pa. (Jan. '41)

**Chanlett, Emil T.,** Asst. San. Engr., U.S. Public Health Service, Industrial Hygiene Service, 2002 Acton St., Berkeley, Calif. (Apr. '42)

**Chapin, Carl K.,** Admin. Secy., Retirement Board, Dept. of Water & Power, Box 3669 Terminal Annex, Los Angeles, Calif. (Oct. '29)

**Chapman, F. W.,** Greenwood, S.C. (Dec. '25)

**Chapman Valve Mfg. Co.,** Donald M. Belcher, 203 Hampshire St., Indian Orchard, Mass. (Assoc. M. Apr. '84)

**Charles, Robert S., Jr.,** Field Supt., International Water Supply, Ltd., 107 Windsor Ave., London, Ont., Can. (Jan. '36)

**Charleston Comrs. of Public Works,** 14 George St., Charleston, S.C. (Corp. M. May '12)

**Charlton, David B.,** Charlton Labs., 2340 S.W. Jefferson St., Portland, Ore. (Jan. '38)

**Chase Brass & Copper Co., Incorporated,** 236 Grand St., Waterbury, Conn. (Assoc. M. Mar. '29)

**Chase, Edward S.,** Cons. Engr., Metcalf & Eddy, Cons. Engrs., 1300 Statler Bldg., Boston, Mass. (May '19)

**Chase, George E.,** Mgr., Public Utilities Com., Bowmanville, Ont., Can. (Sept. '33)

**Chase, H. Percival,** Sales Mgr., Mefford Chemical Co., 1026 Santa Fe Ave., Los Angeles, Calif. (Jan. '41)

**Chase, H. W.,** Supt. of Water Works, Colfax, Wash. (Apr. '39)

**Chase, Horace H.,** Box 252, Sandwich, Mass. (May '24)

**Chase, Walter H.,** Supt., Mystic Valley Water Co., Mystic, Conn. (July '40)

**Chateaugay Water Works Co.,** O. S. Johnston, Pres., Chateaugay, N.Y. (Corp. M. Oct. '41)

**Chatham Board of Water Comrs.,** T. M. S. Kingston, Mgr.-Engr., Chatham, Ont., Can. (Corp. M. Feb. '24)

**Chenery, Charles M.,** Pres., New York Water Service Corp., 90 Broad St., New York, N.Y. (Apr. '40)

**Chenery, Christopher T.,** Pres., Federal Water Service Corp., 90 Broad St., New York, N.Y. (June '26)

**Cheshire, H. E.,** Jr. Engr., State Health Dept., Charleston, W.Va. (Affil. Jan. '42)

**Chester, J. N.,** The Chester Engrs., 210 E. Park Way, N.S., Pittsburgh, Pa. (Nov. '10)

**Chevalier, Willard,** Vice-Pres., McGraw-Hill Publishing Co., Publisher, *Business Week*, 330 W. 42nd St., New York, N.Y. (June '34) *Goodell Prize '34. Director '38–'40.*

**Chicago Bridge & Iron Co.,** George T. Horton, Pres., 332 S. Michigan Ave., Chicago, Ill. (Assoc. M. June '08)

**Chicago Pump Co.,** L. P. Blattner, 2336 Wolfram St., Chicago, Ill. (Assoc. M. Jan. '40)

**Chiene, Walter S.,** Dist. Mgr., Peoples Water & Gas Co., Marshfield, Ore. (July '35)

**Childs, C. S.,** *see* Flox Co., Inc.

**Childs, Fred S.,** 265 W. 14th St., New York, N.Y. (May '30)

**Chilton, Frank R.,** *see* Pittsburg Munic. Water Works

**Chinn, Keith R.,** Plant Supt., West Palm Beach Water Co., Box 1331, West Palm Beach, Fla. (Feb. '27) ★

**Chorney, Paul A.,** Supt., Ogdensburg Boro Water Dept., Ogdensburg, N.J. (Jan. '36)

**Chubb, Robert S.,** City Engr., 1318 Carbon St., Reading, Pa. (May '30)

**Chute, W. M.,** Water Works Supt., Wheatley, Ont., Can. (Apr. '34)

**Cissna, Geo. W.,** Salesman, Neptune Meter Co., 254 Spring St., Atlanta, Ga. (July '35)

**Citizens Utilities Co.,** F. A. Merfeld, Dist. Mgr., Wallace, Idaho (Corp. M. Apr. '38)

**Citizens Water Supply Co. of Newtown,** *see* Newtown

**Claflin, Charles R.,** Supt., Water Co., Rensselaer, N.Y. (Sept. '19)

**Clapp, Milton, Jr.,** Chemist, 237 Tranquil Ave., Charlotte, N.C. (Jan. '36)

**Clapp, W. J.,** Supt. of Water Plants, Florida Public Service Co., Orlando, Fla. (July '38)

**Clapper, Merle H.,** *see* Delavan Water Com.

**Clark, Arthur T.,** Secy.-Mgr., Water & Sewage Works Manufacturers Assn., 22 E. 40th St., New York, N.Y. (May '19)

**Clark, Dennis H.,** Supt., West Virginia Water Service Co., Welch, W.Va. (Jan. '39)

**Clark, Eugene S.,** Div. of San. Eng., State Dept. of Public Health, Springfield, Ill. (July '35)

**Clark, Everett L.,** Engr., California Railroad Com., 708 State Bldg., Los Angeles, Calif. (Oct. '39)

**Clark, H. C.,** Supt., Munic. Water Works, Hillsdale, Mich. (Jan. '38)

**Clark, H. W., Co.,** Box 563, Mattoon, Ill. (Assoc. M. May '08)

**Clark, Horace L.,** Supt., Sanford Water Dist., Sanford, Me. (Apr. '30)

**Clark, Lloyd K.,** Director, Div. of San. Eng., State Dept. of Health, Bismarck, N.D. (Jan. '39) ★

**Clark, M. S.,** Salesman, Mathieson Alkali Works, Inc., 1853 E. Beardsley Ave., Elkhart, Ind. (Apr. '37)

**Clark, Owen E.,** Constr. Engr., Div. of Water, 110 Cherry St., Toledo, Ohio (Oct. '38)

**Clark, Seymour H.,** Supt. of Water Dept., 114 Washington Ave., Oneida, N.Y. (Jan. '40)

**Clark, William George,** Supervising Constr. Engr., Div. of Water, 110 Cherry St., Toledo, Ohio (July '08)

**Clark, William H.,** Supt., Water Works, Avon, N.Y. (May '16)

**Clarke, Samuel M.,** Greeley & Hansen, 6 N. Michigan Ave., Chicago, Ill. (Oct. '41)

**Clarkson, L. M.,** State Dept. of Public Health, Atlanta, Ga. (Aug. '29)

**Classen, Ashley G.,** *see* El Paso Water Dept.

**Classon, W. Guy,** Supt. & Registrar, Leominster Water Works, Leominster, Mass. (June '31)

**Clay, Joe,** Supt., Carlisle Water Works, Carlisle, Ky. (Jan. '24)

**Clay, John W.,** Supt., Water Dept., 11 City Hall, 2nd & Main Sts., Alhambra, Calif. (Oct. '37)

**Clayton Mfg. Co.,** 501 S. Marengo Ave., Alhambra, Calif. (Assoc. M. Oct. '39)

**Clayton, Nelson J.,** Supt., Pottsville Water Co., 221 Centre St., Pottsville, Pa. (Mar. '25)

**Cleary, E. J.,** *see Engineering News-Record*

**Clemens, John D.,** *see* Hays Mfg. Co.

**Clemensen, C. H.,** Bottlers' Service Dept., The Coca-Cola Co., 310 North Ave., N.W., Drawer 1734, Atlanta, Ga. (Jan. '42)

**Clement, Russell C.,** 6629—32nd St., N.W., Washington, D.C. (July '35)

**Cleminson, J. E.,** 630 S. Tyler, El Monte, Calif. (July '35)

**Cleveland, E. A.,** Chief Comr., Greater Vancouver Water Dist., 1303 Bekins Bldg., Vancouver, B.C., Can. (Mar. '24)

**Cleverdon, Walter S. L.,** Supervisor of Property & Assoc. Prof. of San. Eng., New York Univ., Washington Sq., New York, N.Y. (Apr. '16)

**Cliffs Dow Chemical Co.,** V. G. Holliday, Marquette, Mich. (Assoc. M. Apr. '38)

**Clifton, Charles Elmer,** Chemist, Cannon Bldg., Troy, N.Y. (Mar. '10)

**Clogher, A. C.,** *see* Ebasco Services, Inc.

**Clot, Henry,** Topographical Draftsman, Bureau of Water Works & Supply, 2630 Maceo St., Los Angeles, Calif. (Apr. '38)

**Clouser, L. H.,** Sr. San. Engr., Tennessee Valley Authority, 508 Union Bldg., Knoxville, Tenn. (July '37)

**Clow, James B., & Sons,** Kent S. Clow, 201 N. Talman Ave., Chicago, Ill. (Assoc. M. Apr. '85)

**Clow, Kent S.,** *see* Clow, James B., & Sons

**Clyde, Ralph C.,** *see* Portland Bureau of Water Works

**Coates, G. N.,** Supt., Water Dept., 518 Taaffe St., Sunnyvale, Calif. (Apr. '30)

**Coates, John James,** ℅ Sheppard T. Powell, Chem. Engr., 330 N. Charles St., Baltimore, Md. (Jan. '38)

**Cobleigh, W. M.,** Dean, School of Eng., State A. & M. College, Bozeman, Mont. (May '33) *Fuller Award '41.*

**Coburn, James W.,** Treas., Consumers Water Co., Box 151 Pearl St. Station, Portland, Me. (Feb. '23)

**Coca-Cola Co., The,** Bert H. Wells, Chemist, Chem. Control Dept., Drawer 1734, Atlanta, Ga. (Corp. M. Oct. '41)

**Cochrane, John C.,** 969 Amherst St., Buffalo, N.Y. (July '35)

**Coe, Glen F.,** Mgr., Secy. & Treas., Dixon Water Co., 121 E. 1st St., Dixon, Ill. (May '30)

**Coffman, D. G.,** Water Supt., 1417 Washington St., Sumner, Wash. (Apr. '39)

**Coger, W. D.,** Supt., West Virginia Water Service Co., Weston, W.Va. (Affil. Jan. '42)

**Coldiron, Robert P.,** Plant Engr., City Water Works, Box 346, Danville, Ky. (July '41)

**Cole, A. B., Sr.,** Supt., Water Dept., Box 826, Midland, Tex. (Oct. '39)

**Cole, B. G.,** Chemist, Water Purif. Plant, Monroe, La. (Oct. '39)

**Cole, Chas. W.,** Cons. Engr., 220 W. La Salle St., South Bend, Ind. (Oct. '38)

**Cole, E. Shaw,** Engr., The Pitometer Co., 50 Church St., New York, N.Y. (Oct. '38)

**Cole, Edward S.,** Pres., The Pitometer Co., 50 Church St., New York, N.Y. (June '02)

**Cole, Marvin,** Supt. of Water Works, 1405 Otley Ave., Perry, Iowa (Apr. '36)

**Cole, Thomas A.,** Bacteriologist & Supt. of Filtration, 172 Mansion Sq., Poughkeepsie, N.Y. (Jan. '35)

**Coleman, Robert Feaster, Jr.,** Teaching Fellow, North Carolina State College, Box 5403, State College Station, Raleigh, N.C. (Jr. M. July '41)

**Collar, Ira T., Jr.,** Dist. Mgr., Neptune Meter Co., 2107 Grand Ave., Kansas City, Mo. (Oct. '38)

**Collier, F. E.,** Supt., Munic. Water Works, 253 Broad St., Cookeville, Tenn. (Apr. '26)

**Collier, Meredith,** Supt. of Constr. & Distr., Atlanta Water Works, 646 Hemphill Ave., N.W., Atlanta, Ga. (Jan. '41)

**Collings, William E.,** Supt., Borough of Collingswood, 713 Lees Ave., Collingswood, N.J. (Oct. '38)

**Collins, C. E.,** Supt., Public Utilities, Kilgore, Tex. (Oct. '39)

**Collins, N. R.,** San Antonio Rd., Los Altos, Calif. (Jan. '39)

**Collins, W. D.,** Chemist, U.S. Geological Survey, Washington, D.C. (Dec. '25)

**Collyer, William I.,** *see* White Plains Dept. of Public Works

**Colston, Robert,** Burke & Colston, 111 W. Jackson Blvd., Chicago, Ill. (Apr. '41)

**Coltart, Rodney F.,** San. Engr., 632 Leverington Ave., Roxborough, Philadelphia, Pa. (Jan. '42)

**Columbia Chemical Div.,** Pittsburgh Plate Glass Co., R. W. Miller, Technical Service Dept., Barberton, Ohio (Assoc. M. Jan. '39)

**Columbia, J. Z.,** Chemist, Filter Plant, Langeloth Water Co., R.D. No. 3, Burgettstown, Pa. (Apr. '40)

**Community Water Service Co.,** Geo. W. Biggs Jr., Pres., 50 Broad St., New York, N.Y. (Corp. M. Jan. '27)

**Comstock, C. D.,** Supt., Sodus Point Water Works, Sodus Point, N.Y. (Apr. '39)

**Conard, William R.,** Engr. & Consultant, 321 High St., Burlington, N.J. (June '04)

**Conk, Robert H.,** Chemist & Bacteriologist, West Palm Beaeh Water Co., 416 Biscayne Drive, West Palm Beach, Fla. (Apr. '31) ★

**Conklin, James A.,** *see* Ramsey Water Works

**Conkling, Harold,** Deputy State Engr., State Div. of Water Research, Box 1079, Sacramento, Calif. (Oct. '39)

**Conlan, James F.,** 164 Nelson Rd., Scarsdale, N.Y. (Apr. '34)

**Connell, C. H.,** 4101 Rosedale Ave., Austin, Tex. (Jan. '38)

**Connell, H. P.,** Secy.-Treas. & Gen. Mgr., Baton Rouge Water Works Co., Box 2391, Baton Rouge, La. (Jan. '39)

**Connell, William B.,** Pres., Chemical Engineering Labs., 2800 Logan St., Dallas, Tex. (Aug. '30)

**Connolly, Joel I.,** Asst. to Pres., Board of Health, Chicago, Ill. (June '30)

**Connor, C. M.,** Technical Director, Valley Forge Labs., Inc., Balligomingo Rd., West Conshohocken, Pa. (Jan. '38)

**Connor, F. J.,** 221 N. Spring Ave., Sioux Falls, S.D. (May '00)

**Conrad, Wm. F.,** Supt. of Water Dept., City Hall, Bicknell, Ind. (Oct. '40)

**Consoer, Arthur Wardell,** Consoer-Townsend & Quinlan, 211 W. Wacker Drive, Chicago, Ill. (July '39)

**Consolidated Chemical Industries, Inc.,** A. P. Jones, Box 1932, Fort Worth, Tex. (Assoc. M. July '35)

**Consolidated Steel Corp., Ltd.,** W. H. McClara, Box 6880, East Los Angeles Branch, Los Angeles, Calif. (Assoc. M. Oct. '40)

**Converse, J. B.,** Pres., J. B. Converse & Co., Inc., Box 1084, Mobile, Ala. (Jan. '42)

**Cook, A. D., Inc.,** C. O'Brien, Pres., Lawrenceburg, Ind. (Assoc. M. June '14)

**Cook, A. E.,** Mgr., Narbonne Ranch Water Co. No. 2, Box 92, Lomita, Calif. (Jan. '41)

**Cook, Frederick S.,** Pacific Coast Mgr., Robert W. Hunt Co., 251 Kearny St., San Francisco, Calif. (Oct. '37)

**Cook, H. M.,** Supt., City Pumping Station, Batavia, N.Y. (Apr. '37)

**Cook, Horace J.,** 268 Court St., Auburn, Me. (July '35)

**Cook, Ivory I.,** Supt. of Filtration Plant, Water Dept., 109 Brown St., Columbus, Ind. (Apr. '41)

**Cook, James R.,** 225 W. 12th St., New York, N.Y. (Jan. '37)

**Cook, John H.,** Governor, Society for Establishing Useful Manufactures, 72 McBride Ave., Paterson, N.J. (July '06)

**Cook, Lawrence H.,** Civ. Engr., Box 696, Menlo Park, Calif. (Jan. '29)

**Cook, Loy E.,** Supt., Madera Water Works, 220 S. I St., Madera, Calif. (Oct. '39)

**Cook, Paul D.,** Lake County San. Engr., Courthouse, Painesville, Ohio (Mar. '34)

**Cook, Will W.,** Advisory Engr., 546 N. 79th St., Seattle, Wash. (Apr. '38)

**Cook, William J. M.,** Chief Chemist, Neckar Water Softener Co., Ltd., Artillery House, Artillery Row, London, S.W.1, England (June '34)

**Cooper, J. E.,** Medical Dept., Ford Motor Co., Dearborn, Mich. (July '40)

**Cooper, M. B.,** Supt., Canal & Water Works, Augusta, Ga. (May '33)

**Coote, Richard,** Chemist, Dept. of Water Works, 532 Franklin St., Michigan City, Ind. (Oct. '39)

**Copeland, Ross A.,** Supt., Pipe Constr., Los Angeles Dept. of Water & Power, 6676 Franklin Ave., Los Angeles, Calif. (Oct. '30)

**Copley, John G.,** *see* Elmira Water Board

**Copper & Brass Research Assn.,** Arthur I. Heim, 420 Lexington Ave., New York, N.Y. (Assoc. M. Aug. '23)

**Corbalis, James J., Jr.,** Sanitation Officer, State Dept. of Health, Fairfax, Va. (Apr. '42)

**Corey, R. H.,** Cons. Engr., 909 Bedell Bldg., Portland, Ore. (June '20)

**Corin, Magnus F.,** Chemist, 511 Hansberry St., Germantown, Philadelphia, Pa. (Apr. '10)

**Corine, George A.,** Supt., Water & Gas Dept., Superior Water, Light & Power Co., Superior, Wis. (Oct. '24)

**Cornejo, Antonio,** Chief Engr., Mexico City Water Works, Paseo de la Reforma No. 1425, Lomas de Chapultepec, Mexico City, Mexico (Jan. '36)

**Cornelius, Clarence C.,** Supt. of Public Works, 706 Philadelphia Blvd., Sea Girt, N.J. (Oct. '39)

**Cornell, Chas. Brown,** Nestor Apts., Western Port, Md. (May '28)

**Cornell, E. F.,** *see* Hawaiian Pineapple Co., Ltd.

**Cornell, Guy B.,** Engr., Fresno City Water Dept., Box 512, 1926 Tuolumne St., Fresno, Calif. (Oct. '38)

**Cornell, W. M.,** Mgr., Public Utilities Com., 741 Queen St., E., Sault Ste. Marie, Ont., Can. (Jan. '37)

**Corning Water Dept.,** C. F. Wilson, Supt., Corning, N.Y. (Corp. M. Jan. '41)

**Corpus Christi, City of,** John W. Cunningham, Water Works Supt., City Hall, Corpus Christi, Tex. (Corp. M. Apr. '39)

**Corr, Ray H.,** Supt. of Water, City Hall, Woodstock, Ill. (Apr. '42)

**Corson, Benjamin I.,** Instructor, Camden County Vocational School, 6008 Browning Rd., Merchantville, N.J. (Jan. '41)

**Cortese, J. R.,** Supt., Munic. Water Works, Livingston, Mont. (Mar. '25)

**Corvison, Oscar E.,** Civ. Engr., F No. 614, Vedado, Havana, Cuba (Jan. '42)

**Corydon, Jeff.,** *see* Proportioneers, Inc.

**Cosculluela, Juan A.,** Cons. Engr., Calle Linea No. 72, Altos, Havana, Cuba (Oct. '13) *Director '41.*

**Costello, Charles Vincent,** Chief Filter Operator, Bureau of Water, 305 Court St., Binghamton, N.Y. (Affil. Jan. '41)

**Costello, James W.,** Chief Engr., Dept. of Public Works, City Hall, Newark, N.J. (Oct. '38)

**Cotton, James E.,** Director, Florida Construction Program, Tallahassee, Fla. (July '40)

**Coughlan, R. E.,** Engr. of Tests, Chicago & Northwestern Ry. System, 4200 W. Kinzie St., Chicago, Ill. (Feb. '23)

**Coughlen, Harry G., Jr.,** Asst. Supt. of Pumping, Indianapolis Water Co., 113 Monument Circle, Indianapolis, Ind. (Jan. '37)

**Coughlin, L. J.,** 980 Edgehill Rd., San Bernardino, Calif. (Oct. '38)

**Coulter, C. B.,** Mgr., Texas Public Service Co., McCamey, Tex. (Oct. '39)

**Coupal, Roy E.,** City Bacteriologist, Water Dept., Box 606, Eureka, Calif. (Jan. '40)

**Cousins, J. E., Jr.,** Southern Repr., Layne-Atlantic Co., Box 2431, Orlando, Fla. (July '38)

**Coventry, F. L.,** Chemist & Chief Operator, Water Dept., 12th & Marshall Sts., Mattoon, Ill. (July '39)

**Cowan, J. F.,** *see* Casper, City of

**Cowan, John G.,** Jr. Civ. Engr., Dept. of Water & Power, 2485 W. 18th St., Los Angeles, Calif. (Jan. '41)

**Cowham, Glenn W.,** 123 W. 5th St., Montgomery, Ala. (Jan. '38)

**Cowles, M. Warren,** Health Officer, Hackensack Water Co., Filtration Plant, New Milford, N.J. (Apr. '19)

**Cox, Charles R.,** Chief, Bureau of Water Supply, Div. of Sanitation, State Dept. of Health, Albany, N.Y. (July '21) *Fuller Award '40. Director '42–'44.*

**Cox, I. D.,** Water Analyst, Ford Motor Co., 3145 Packard Rd., Ann Arbor, Mich. (Jan. '42)

**Cox, K. E. (Miss),** Director, State Hygienic Lab., Charleston, W.Va. (July '40)

**Cox, W. P.,** *see* McWane Cast Iron Pipe Co.

**Coy, Burgis G.,** *see* Fort Collins, City of

**Crabbe, B. F.,** McWane Cast Iron Pipe Co., Birmingham, Ala. (July '35)

**Crabill, E. F.,** Supt., Board of Public Works, City Hall, Niles, Mich. (Apr. '38)

**Crafton, Logan,** Supt., City Water Works, City Hall, Bloomington, Ind. (Jan. '40)

**Craig, Charles P.,** Asst. Chemist, Union Construction & Holding Corp., 22 W. Jersey St., Elizabeth, N.J. (Jan. '42)

**Craig, Erwin M.,** Supt., City of Zion, City Bldg., 2800 Elijah Ave., Zion, Ill. (July '41)

**Craig, Robert Hall,** Cons. Engr., 222 N. Third St., Harrisburg, Pa. (May '19)

**Cramer, Clark J.,** Chief Engr., Lexington Water Co., Richmond Pike, R.F.D. No. 1, Lexington, Ky. (July '30)

**Cramer, H. Cable,** Mgr., Catlettsburg, Kenova & Ceredo Water Co., Inc., 1309 Chestnut St., Kenova, W.Va. (Jan. '40)

**Cranch, Eugene T.,** Mgr., New Rochelle Water Co., 304 Eastchester Rd., New Rochelle, N.Y. (Mar. '22)

**Crane Co.,** A. M. Houser, Engr. of Standardization, 836 S. Michigan Ave., Chicago, Ill. (Assoc. M. Jan. '26)

**Crane, D. Eugene,** Box 6084 Stockyards Station, Denver, Colo. (Jr. M. Jan. '39)

**Crane, D. W.,** Chemist, Chesapeake & Ohio Ry. Co., Columbus, Ohio (Jan. '37)

**Crane, H. R.,** *see* Flexible Sewer Rod Equipment Co.

**Crane, Harold L.,** Supt., Elizabethtown Water Co., Cons., 9 Wilson Terrace, Elizabeth, N.J. (Oct. '35)

**Crane, Herbert M.,** City Mgr., Cartersville, Ga. (Jan. '41)

**Cranford, W. H.,** Supt. of Water Plant, Rock Hill Printing & Finishing Co., Rock Hill, S.C. (Jan. '39)

**Cranston, H. Howard,** Henry H. Cranston & Son, 457 W. Main St., Fredonia, N.Y. (Jan. '40)

**Crawford, C. G.,** *see* Pelton Water Wheel Co.

**Crawford, William H.,** 5013 N. Sydenham St., Philadelphia, Pa. (Jan. '36)

**Creager, William P.,** Cons. Engr., Electric Bldg., Buffalo, N.Y. (July '39)

**Crenshaw, J. C.,** Asst. Supt., South Pittsburgh Water Co., 238 Brownsville Rd., Pittsburgh, Pa. (July '41)

**Crepeau, Armand C.,** City Engr., Corp. of City of Sherbrooke, City Hall, Sherbrooke, Que., Can. (Apr. '42)

**Crisler, Ray H.,** Mgr. & Secy.-Treas., Athens Water Co., 116 W. 111th St., Los Angeles, Calif. (Jan. '41)

**Crist, Howard,** *see* Richfield Springs Water Com.

**Crist, Marion L.,** Engr., Little Rock Munic. Water Works, Robinson Memorial Auditorium, Little Rock, Ark. (Feb. '33)

**Critchlow, H. T.,** Chief Engr., New Jersey State Water Policy Com., Trenton Trust Company Bldg., Trenton, N.J. (Feb. '30)

**Crocker, J. R.,** Dist. Mgr., The Permutit Co., 523 B.M.A. Bldgs., Kansas City, Mo. (July '38)

**Crockett, C. L.,** Chemist, Norfolk & Western Ry., Roanoke, Va. (Jan. '35)

**Croft, Harry P.,** 208 Maple Ave., Trenton, N.J. (Jan. '24)

**Croll, Emil A.,** 639 Putnam St., Orlando, Fla. (Sept. '93)

**Cromwell, Cameron,** Asst. Constr. Engr., Bureau of Water Supply, Sparks, Md. (Jan. '42)

**Cronkright, Arthur B.,** San. Engr., Greenwich Water Co., Greenwich, Conn. (Jan. '37)

**Crosby, Lothrop,** Asst. Engr., Water Div., 402 City Hall, Tacoma, Wash. (Jan. '36)

**Cross, Arthur D.,** *see* Mount Holly Water Co.

**Cross, William P.,** Assoc. Hydr. Engr., U.S. Geological Survey, Box 2529, 1710 Courthouse, Miami, Fla. (Jan. '40)

**Crossman, A. B.,** Dist. Sales Mgr., National Meter Div., Dallas, Tex. (Oct. '39)

**Crossman, Thos. E.,** *see* Gulf States Utilities Co.

**Crow, Frank G.,** Gen. Mgr., Water Dept., Florence, Ala. (July '35)

**Crownover, M. W.,** Mgr., Westmoreland Water Co., Greensburg, Pa. (July '41)

**Crum, E. H.,** Sales Repr., Mississippi Lime Co., 6131 Indianola Ave., Indianapolis, Ind. (Oct. '39)

**Crutchfield, B. W.,** *see* American Enka Corp.

**Cruthers, Thomas,** *see* Worthington Pump & Machinery Corp.

**Cuba, Cia de Acueducto de, S.A.,** Carlos M. Calvet, Vice-Pres., Gral. Lee 27, Manianao, Havana, Cuba (Corp. M. June '39)

**Cullen, Bernard W.,** Supt., Water Pipe Extension, 404 City Hall, Chicago, Ill. (May '34)

**Culligan, E. J.,** *see* Culligan Zeolite Co.

**Culligan Zeolite Co.,** E. J. Culligan, 1895 Shermer Ave., Northbrook, Ill. (Assoc. M. Apr. '38)

**Cullman City Light & Water Plant,** J. N. Nix, Chief Engr., Cullman, Ala. (Corp. M. July '35)

**Culmer, A. B.,** *see* Bellingham Water Dept.

**Culter, L. W.,** 3012 Vincent Rd., West Palm Beach, Fla. (Apr. '34)

**Cunliffe, Russell W.,** Health Dept., City Hall, Milwaukee, Wis. (Dec. '26)

**Cunningham, John T., Jr.,** City Engr., City Water Dept., Clarksville, Tenn. (Oct. '40)

**Cunningham, John W.,** Supt., Water Dept., Corpus Christi, Tex. (July '30)

**Cunningham, John Wilbur,** Cons. Engr., 414 Spalding Bldg., Portland, Ore. (May '29)

**Cunningham, M. B.,** Supt. & Engr., Oklahoma City Water Dept., Oklahoma City, Okla. (Oct. '30)

**Cunningham, W. J.,** Supt., Public Utilities Com., Fergus, Ont., Can. (Apr. '42)

**Currens, Warren W.,** Chief Chemist, Passaic Valley Water Com., Box 268, Little Falls, N.J. (Jan. '39)

**Currie, Frank S.,** Mgr., Currie Engineering Co., 219 Andreson Bldg., San Bernardino, Calif. (Apr. '36)

**Curry, W. G.,** Purif. Engr., Southern California Water Co., 1206 S. Maple Ave., Los Angeles, Calif. (Jan. '42)

**Curtis, Wm. E.,** Mgr., Belmont County Water Dist., Belmont, Calif. (July '35)

**Cushing, R. M.,** Designing Engr., Headman, Ferguson & Carollo, Engrs., 1631 E. Earll Drive, Phoenix, Ariz. (July '41)

**Cuthiell, C.,** Supt. of Water Works, Dickson St., Galt, Ont., Can. (Apr. '29)

**Cutler, Ralph W.,** Engr., Western Pipe & Steel Co., 5717 Santa Fe Ave., Los Angeles, Calif. (Jan. '41)

**Cutler-Hammer Inc.,** C. S. Pinkerton, Mgr., Public Works & Utilities Sales, 12th St. & St. Paul Ave., Milwaukee, Wis. (Assoc. M. Jan. '36)

**Cutler-Magner Co.,** Paul LaLiberte, Engr., 1116 Fidelity Bldg., Duluth, Minn. (Assoc. M. Oct. '41)

**Cyr, Rene,** Asst. Chief San. Engr., Div. of San. Eng., Ministry of Health, 89 Notre Dame St., E., Montreal, Que., Can. (Jan. '34)

**Czarniecki, M. J.,** *see* Byers, A. M., Co.

**Dafoe A. L.,** Supt., Water Works Dept., Napanee Public Utilities Com., Napanee, Ont., Can. (Feb. '32)

**Dagley, Jack,** Technical Director, Burgess Zeolite Co., Ltd., 72 Horseferry Rd., Westminster, London, S.W.1, England (Apr. '38)

**Dahle, C. A.,** Supt., Stoughton Water Works, Stoughton, Wis. (July '35)

**Dahljelm, Irving L.,** 103 North Ave., Highland Park, Mich. (Jan. '38)

**Dale, H. B.,** Chemist, Chesapeake & Ohio Ry. Co., 407 C. & O. Station Annex, Huntington, W.Va. (July '37)

**Dalee, William A.,** Pres., Wm. A. Dalee, Inc., 4835 Woodward Ave., Detroit, Mich. (July '38)

**Dalton Fire Dist.,** Kenneth E. Russell, Supt., 399½ Main St., Dalton, Mass. (Corp. M. Jan. '42)

**Dandridge, E. F.,** Chief Clerk, Bureau of Water Works & Supply, Box 3669 Terminal Annex, Los Angeles, Calif. (Oct. '34)

**Dangler, J. R.,** Cast Iron Pressure Pipe Institute, 1006 Earle Bldg., Washington, D.C. (Apr. '31)

**Daniel, Laurence Handy,** Mgr., Daniel, Inc., 814–15 Metropolitana Bldg., Havana, Cuba (Apr. '39)

**Daniels, Francis E.,** State Dept. of Health, Eng. Div., 2115 N. Second St., Harrisburg, Pa. (Sept. '16) ★

**Daniels, Paul I.,** Land Agent, East Bay Munic. Utility Dist., 512—16th St., Oakland, Calif. (May '33)

**Daniels, Percy,** Supt., Water Dept., Perry, Okla. (Oct. '39)

**Danner, H. M.,** Dist. Sales Mgr., The Permutit Co., 522 Union Bldg., 1836 Euclid Ave., Cleveland, Ohio (July '37)

**Daple, Luis Perez,** Engr., Frederick Snare Corp., Mess No. 5, U.S. Naval Station, Guantanamo Bay, Cuba (Jan. '41)

**Darby, George M.,** Director, Westport Mill, The Dorr Co., Inc., 61 Washington Ave., Westport, Conn. (Apr. '36)

**Darco Corp.,** L. M. Gill, 60 E. 42nd St., New York, N. Y. (Assoc. M. Jan. '36)

**Darling, Ernest Howard,** Cons. Engr., 21 Stanley Ave., Hamilton, Ont. Can. (Dec. '25)

**Darling, K. E.,** Gen. Mgr., Southern Wyoming Utilities, Rock Springs, Wyo. (Oct. '37)

**Darling Valve & Mfg. Co.,** M. L. Hough, Pres., Williamsport, Pa. (Assoc. M. May '08)

**Darrow, Henry D.,** Supt., Water Works Dept., 408 Broadway, Kingston, N.Y. (Jan. '36)

**Daugherty, A. B.,** Supt., East Gary Water Works, East Gary, Ind. (Jan. '41)

**Daugherty, Frank,** Pres., Scofield Engineering Co., 1324 Commercial Trust Bldg., Philadelphia, Pa. (Mar. '31)

**Davenport, J. D.,** Pres. & Treas., Sturgis Water Works Co., Sturgis, S.D. (July '35)

**Davidson, Frederick R.,** *see* Hicksville Water Dist.

**Davidson, J. O.,** Chemist, Water Dept., 820 Beatties Ford Rd., Charlotte, N.C. (Oct. '39)

**Davidson, True (Miss),** Secy.-Treas., Streetsville Public Utilities Com., Streetsville, Ont., Can. (Apr. '40)

**Davies, W. F.,** Supt., Gloversville Water Works, 19 W. Fulton St., Gloversville, N.Y. (Feb. '32)

**Davis, Albert R.,** Supt., Water Dept., Austin, Tex. (Jan. '35) ★

**Davis, Ben G.,** Supt., Pipe Line, Rawlins Water Supply Co., Rawlins, Wyo. (July '35)

**Davis, Carleton E.,** Mgr., Philadelphia Suburban Water Co., 762 Lancaster Ave., Bryn Mawr, Pa. (Apr. '12) *Trustee '16–'18. Vice-Pres. '19. President '20. Exec. Com. '21–'22. Honorary M. '39.*

**Davis, Clarence A.,** Water Supervisor, E. I. du Pont de Nemours & Co., Station B, Buffalo, N.Y. (Oct. '40)

**Davis, Daniel E.,** The Chester Engrs., Century Bldg., 130 Seventh St., Pittsburgh, Pa. (May '30)

**Davis, Don C.,** Civ. Engr., City Engr.'s Office, Modesto, Calif. (Jan. '41)

**Davis, Earl,** *see* Toulon Water Works

**Davis, H. F.,** Dist. Mgr., Wallace & Tiernan Co., Inc., 1902 Pinewood Circle, Charlotte, N.C. (Dec. '23)

**Davis, Kenneth,** *see* North Creek Water Dist.

**Davis, M. D.,** Supt., Water Dept., Dillon, S.C. (July '39)

**Davis, P. D.,** Assoc., Wm. M. Piatt Constr. Engrs., Durham, N.C. (Oct. '39)

**Davis, S. H.,** Supt., Benwood & McMechen Water Co., 4820 Water St., Benwood, W.Va. (Mar. '34)

**Davis, Walter S.,** 686 Myrtle Ave., Albany, N.Y. (May '33)

**Daw, Lawrence,** Mgr., New York Fire Insurance Rating Organization, 400 E. Genesee St., Syracuse, N.Y. (May '16)

**Dawes, E. A.,** Dawes Silica Mining Co., Thomasville, Ga. (Feb. '33)

**Dawson, F. M.,** Dean, College of Eng., Univ. of Iowa, Iowa City, Iowa (Oct. '28)

**Day & Zimmermann, Inc.,** Theodore E. Seelye, Vice-Pres., 620 Packard Bldg., Philadelphia, Pa. (Corp. M. Apr. '42)

**Day, Isaac L.,** Comr. of Public Works, 4 Wheeler Ave., Pleasantville, N.Y. (Apr. '38)

**Day, John S.,** Mgr. & Vice-Pres., Maryland Water Works Co., 76 E. Main St., Westminster, Md. (July '40)

**Dayton Foundry, Inc.,** C. J. Bradley, 11803 Industrial Ave., Hollydale, Calif. (Assoc. M. Oct. '30)

**Dean, Harold R.,** Supt. of Public Works, Eastman Park, Poughkeepsie, N.Y. (Apr. '41)

**Dean, John B.,** Div. Engr., Supply & Purifying Sec., St. Louis Water Div., 1640 S. Kingshighway, St. Louis, Mo. (Apr. '30)

**Dearborn Chemical Co.,** C. I. Loudenback, Industrial Dept., 310 S. Michigan Ave., Chicago, Ill. (Assoc. M. June '27)

**Deas, R. R., Jr.,** Asst. to Vice-Pres., American Cast Iron Pipe Co., Box 2603, Birmingham, Ala. (Jan. '41)

**De Berard, Emmons, W.,** Broadway & Green Sts., Centralia, Ill. (Oct. '41)

**DeBerard, W. W.,** City Engr., 402 City Hall, Chicago, Ill. (June '12) *Honorary M. '42.*

**De Boer, Sidney,** Filter Plant Operator, 29 Moross Rd., Village of Grosse Pointe Farms, Mich. (Apr. '39)

**de Brito filho, F. Saturnino R.,** San. Engr., Caixa Postal 1631, Rio de Janeiro, Brazil (May '30)

**De Chaine, Frank,** Operator, Lindsay-Strathmore Irrigation Dist., 355 Central Ave., Lindsay, Calif. (Jan. '41)

**Decker, A. Clinton,** San. Engr., Tennessee Coal, Iron & R.R. Co., Birmingham, Ala. (June '14)

**Decker, Arthur J.,** Cons. Civ. Engr., State Savings Bank Bldg., Ann Arbor, Mich. (May '23)

**Decker, Charles Garfield,** Instructor, Civ. Eng. Dept., Texas Technological College, Lubbock, Tex. (Jan. '40)

**Decker, L. A.,** Supt. of Water, Kalamazoo Township-Millwood Dist., 1802 Cork St., Kalamazoo, Mich. (Jan. '41)

**Decker, Walter G.,** Supt., Munic. Utilities, Lawrenceburg, Ind. (July '35)

**de Costa, Joseph D.,** Engr. in Charge of Distr., East Bay Munic. Utility Dist., 512—16th St., Oakland, Calif. (Sept. '23)

**Degen, John J.,** Cons. Engr., Box 229, Burlington, Wis. (Jan. '42)

**de Goicoechea, Leandro,** Asst. Prof., Escuela de Ingenieros, Universidad de la Habana, Havana, Cuba (July '38)

**De Groot, J. C.,** Mgr., Northampton Borough Munic. Authority, 2019 Main St., Northampton, Pa. (Jan. '31)

**De Jarnette, N. M.,** Engr. of Water & Sewerage, State Dept. of Public Health, Atlanta, Ga. (Mar. '30)

**deJong, Tim,** Civ. Engr., 718—5th St., Astoria, Ore. (Jan. '42)

**De Laval Steam Turbine Co.,** H. V. Petersen, Sales Mgr., Trenton, N.J. (Assoc. M. Nov. '17)

**Delavan Water Com.,** Merle H. Clapper, Supt., Delavan, Wis. (Corp. M. June '23)

**De Leon, Gregorio,** *see* Manila Metropolitan Water Dist.

**De Leuw, Charles E.,** Charles De Leuw & Co., Engrs., 20 N. Wacker Drive, Chicago, Ill. (Nov. '23)

**Deliso, Joseph,** 294 Columbus Ave., Springfield, Mass. (Jan. '39)

**Delphi Water Works,** Clyde Robbins, Asst. Water Supt. Delphi, Ind. (Corp. M. Apr. '40)

**DeMartini, Frank Edward,** Passed Asst. San. Engr., U.S. Public Health Service, Washington, D.C. (Sept. '27)

**Deming Water Dept.,** A. J. Noyes, Deming, N.M. (Corp. M. May '19)

**Dempster, Andrew,** Asst. San. Engr., Detroit Dept. of Health, 3919 John R. St., Detroit, Mich. (Oct. '39)

**de Narvaez, Pablo,** Asst. Supt., Acueducto Municipal, Box No. 204, Bogota, Colombia (Jan. '40)

**Dennett, Robert C.,** Hydr. Engr., National Board of Fire Underwriters, 85 John St., New York, N.Y. (May '14)

**Dent, Wilbur M.,** Gen. Mgr., City Power & Water Dept., Sheffield, Ala. (Jan. '40)

**Denton, Frank,** Supt. of Water Works, Salem, Ill. (Aug. '33)

**Denver, City & County of,** Board of Water Comrs., George F. Hughes, Mgr., Box 629, Denver, Colo. (Corp. M. Apr. '34)

**Denyes, P. C.,** Mgr., Campbellford Water & Light Com., Box 440, Campbellford, Ont., Can. (Jan. '41)

**Deo, R. R.,** Chief Chemist, Paterson Engineering Co.-India-Ltd., Box 680, Calcutta, India (Oct. '38)

**Derby, Ray L.,** Asst. San. Engr., Dept. of Water & Power, Box 3669 Terminal Annex, Los Angeles, Calif. (May '26)

**de Santamaria, Carlos S.,** San. & Civ. Engr., Apdo. No. 409, Bogota, Colombia (Jan. '35)

**Des Baillets, C. J.,** Chief Engr., Hydro-elec. Div., 3161 Joseph St., Verdun, Que., Can. (Mar. '34)

**de Sena, Luis,** Co-Owner & Cons. Engr., Sancti Spiritus Acqueduct, Calle 11 esq. 6, Vedado, Havana, Cuba (Oct. '40)

**Deseronto Public Utilities Com.,** S. C. Hughes, Supt., Water Dept., Deseronto, Ont., Can. (Corp. M. Jan. '37)

**Deslauriers, Alfred J.,** Civ. Engr., City Hall, No. 1—18th Ave., Lachine, Que., Can. (Dec. '33)

**Des Moines Water Works,** Dale L. Maffitt, Secy. & Gen. Mgr., Des Moines, Iowa (Corp. M. Jan. '36)

**Detweiler, John C.,** Constr. Engr., Metropolitan Utilities Dist., Omaha, Neb. (Mar. '30)

**Deuchler, Walter E.,** Cons. Engr., 63 S. La Salle St., Aurora, Ill. (Oct. '41)

**Devendorf, Earl,** Asst. Director, Div. of Sanitation, State Health Dept., 122 State St., Schenectady, N.Y. (May '19)

**Devers, Theo. J.,** Supt. & Operator, Midway Munic. Water Works, Midway, Ky. (July '41)

**Devilbiss, H. Roland,** Dept. Engr., Washington Suburban Sanitary Dist., Hyattsville, Md. (Apr. '22)

**Devore, E. J.,** Supt., Boro Water Works, 403 Center St., Cambridge Springs, Pa. (Affil. July '41)

**De Waissey, L. L.,** Mgr., Northwest Testing Lab., Hartford Bldg., 2nd & James Sts., Seattle, Wash. (Apr. '40)

**Dewey, Hugh S.,** Mgr., Western New York Water Co., 11 Niagara St., Buffalo, N.Y. (May '29)

**De Wolf, Anson B.,** Mech. Engr., 1255 N.W. 32nd St., Miami, Fla. (Jan. '40)

**Diamond Alkali Co.,** J. D. Mattern, Mgr. of Alkali Sales, 2400 Oliver Bldg., Pittsburgh, Pa. (Assoc. M. Apr. '37)

**Dibert, H. M.,** *see* Gurley, W. & L. E.

**Dick, Christian E.,** *see* Mineola, Inc. Village of

**Dickson, D. B.,** Supt. & Chemist, Filtration Plant, Wichita Falls Water Works, Wichita Falls, Tex. (Jan. '39)

**Dickson, W. K.,** Civ. Engr., 119 Circle Ave., Charlotte, N.C. (Apr. '38)

**Dieckmann, J. H., Jr.,** *see* Vallejo Water Co.

**Diederich, Peter,** *see* Glendale Public Service Dept.

**Diemer, Robert B.,** Chief Operator & Maint. Engr., Metropolitan Water Dist., 306 W. 3rd St., Los Angeles, Calif. (Oct. '37)

**Dietz, Henry B.,** City Chemist, Box 27, Corpus Christi, Tex. (Jr. M. Jan. '42)

**Dignan, B. T.,** Chemist & Bacteriologist, City Water Works, Niagara Falls, N.Y. (Apr. '19)

**Dill, W. N.,** Mgr., Mueller Co., Pacific Coast Factory, 2801 E. 12th St., Los Angeles, Calif. (July '38)

**Dillon, G. M.,** Supt. of Public Works Borough of Braddock, 727 Braddock Ave., Braddock, Pa. (Apr. '38)

**Dillon, James J.,** Sanitarian, Southern Health Unit, 301 Oxford St., Providence, R.I. (July '38) ★

**Dillon, Richard,** Registrar, Water Bureau, Metropolitan Dist. Com., Municipal Bldg., Hartford, Conn. (Aug. '29)

**Dillon, S. E.,** Local Mgr., California Water Service Co., Box 1148, Bakersfield, Calif. (May '27)

**Dilworth, H. M.,** Engr., 1160 Richmond St., London, Ont., Can. (Jan. '38)

**Dimick, Arthur E.,** Asst. Secy., Appleton Water Com., 125 N. Walnut St., Appleton, Wis. (Apr. '29)

**Dimmitt, C. L.,** Mgr., Redwood City Water Dept., Redwood City, Calif. (July '39)

**Dishner, Paul J.,** Capt., Office of Dist. Engr., Atlanta Eng. Dist., 494 Spring St., N.W., Atlanta, Ga. (Apr. '42) ★

**District of Columbia Water Dept.,** J. B. Gordon, Director of San. Eng., Municipal Bldg., Washington, D.C. (Corp. M. Apr. '31)

**Ditchburn, A. E.,** *see* Strathroy Public Utilities Com.

**Diven, John M.,** The Leadite Co., Inc., 3445—84th St., Jackson Heights, N.Y. (June '13)

**Diven, Melvin H.,** Supt. & Secy., Mt. Union Boro Water Works, Box 96, Mt. Union, Pa. (July '35)

**Divine, Leslie T.,** Water Plant Operator, Monticello, N.Y. (Jan. '36)

**Dixie Lime Products Co.,** T. F. Sheridan, Ocala, Fla. (Assoc. M. Apr. '37)

**Dixon, F. S.,** Salesman, Homelite Corp. & Flexible Underground Pipe Cleaning Co., 1624 Harmon Pl., Minneapolis, Minn. (Apr. '41)

**Dixon, G. Gale,** 41 E. 42nd St., New York, N.Y. (June '20)

**Dixon, Jas. I.,** Supt. Water Dept., 401 Benton St., Santa Clara, Calif. (May '26)

**Dixon, Joseph, Crucible Co.,** R. H. Horner, Mgr., Paint Sales Div., Jersey City, N.J. (Assoc. M. Oct. '40)

**Dixon, R. M.,** Water Dept., City Hall, Dallas, Tex. (Apr. '38)

**Dixon, William,** Gen. Foreman in Charge of Pipe Yards & Salvage, Dept. of Water & Power, 410 Ducommun St. Los Angeles, Calif. (Jan. '41)

**Doane, Norman D.,** 831 E. Morehead St., Charlotte, N.C. (Sept. '31)

**Dobbin, R. L.,** Gen. Mgr., Peterborough Utilities Com., 295 Reid St., Peterborough, Ont. Can. (Feb. '23) *Trustee '26–'28. Diven Medal '30. President '32. Director '33. Honorary M. '37.*

**Docal, Antonio T.,** Civ. Engr., Calle 14, No. 353, Vedado, Havana, Cuba (July '38)

**Dodd, Chas. K.,** 208 Commercial & Professional Court Bldg., Sarasota, Fla. (Jan. '36)

**Dodd, Rennie I.,** Exec. Mgr., Chester Munic. Authority-Water Service, Box 67, Chester, Pa. (Apr. '22)

**Dodds, C. H.,** Mgr., Water Works, Box 870, Las Cruces, N.M. (Oct. '37)

**Dodge, Fred L.,** Vice-Pres., California Water Service Co., Box 1150, San Jose, Calif. (July '26)

**Dodge, H. E.,** City Engr. & Water Supt., City Hall, Port Angeles, Wash. (Jan. '41)

**Dodson, Roy E., Jr.,** Asst. San. Engr., Oregon State Board of Health, 816 Oregon Bldg., Portland, Ore. (July '39)

**Doggett, Felix G.,** Asst. Engr., State Board of Health, 224 E. Park Drive, Raleigh, N.C. (Oct. '41)

**Doig, Albert Watson,** Sales Repr., Johnson Sales Co., 4760 Dagenais St., St. Henry, Montreal, Que., Can. (Apr. '39)

**Dold, Herbert H.,** Plant Chemist, Louisville Cement Corp., Speed, Ind. (Jan. '41)

**Doll, Byron E.,** Jr. Civ. Engr., Las Vegas Water & Land Co., Las Vegas, Nev. (July '39) ★

**Domke, L. C.,** Chemist, Waukegan Water Works No. 2, 1942 North Ave., Waukegan, Ill. (Jan. '41)

**Domogalla, Bernard,** Chemist & Bacteriologist, University Club, 803 State St., Madison, Wis. (Feb. '26)

**Donaldson, Edgar F.,** Chief Engr., Water Works, R.D. No. 1, Defense Highway, Annapolis, Md. (Feb. '32)

**Donaldson Iron Co.,** Emaus, Lehigh County, Pa. (Assoc. M. Nov. '17)

**Donaldson, Wellington,** Director, Bureau of Sewage Disposal, Dept. of Public Works, 125 Worth St., New York, N.Y. (Apr. '10)

**Dong, Yen H.,** 127 W. 52nd St., New York, N.Y. (Jr. M. Jan. '42)

**Donnan, William C.,** Div. Supt., Bureau of Water, 412 City-County Bldg., Pittsburgh, Pa. (Apr. '30)

**Donohue, E. R.,** *see* Ballston Spa Water Dept.

**Donohue, Jerry,** Pres., Donohue Engineering Co., Sheboygan, Wis. (June '22)

**Dorion, Otto Roberto,** *see* Guatemala City, Cia del Agua del Mariscal, S.A.

**Dorion, Robert,** City Mgr., Shawinigan Falls, Que., Can. (Jan. '36)

**Dorr Co., Inc., The,** 570 Lexington Ave., New York, N.Y. (Assoc. M. June '27)

**Dorrance, Frank Young,** Div. Engr., Montreal Water Board, 341 Brock Ave., N., Montreal W., Que., Can. (July '20)

**Dotterweich, A. J.,** 2945 Oak Park Rd., Pittsburgh, Pa. (July '38)

**Dougherty, Ben R.,** Supt., Richmond Water & Gas Works, Richmond, Ky. (Apr. '24)

**Dougherty, Edward R.,** Supt., Water & Sewerage, City Water Dept., Bowling Green, Mo. (Affil. Jan. '40)

**Douglass, H. S.,** *see* Statesville City Water Dept.

**Dover Water Comrs.,** Earl C. Nelson, Clerk, Municipal Bldg., Dover, N.J. (Corp. M. May '18)

**Dow Chemical Co.,** *see* Great Western Div.

**Dow, Douglas,** Detroit Edison Co., 2000 Second Ave., Detroit, Mich. (July '38) ★

**Dowdell, P. H.,** Mgr., White Deer Mountain Water Co., 114 S. Front St., Milton, Pa. (Jan. '41)

**Downer, William J.,** Prin. San. Engr., State Dept. of Public Health, Springfield, Ill. (Jan. '36)

**Downs, G. H.,** Mgr., Crane Co., 30th St. & 1st Ave., S., Billings, Mont. (Jan. '40)

**Dowsley, R. R.,** Supt., Prescott Public Utilities Com., Prescott, Ont., Can. (Apr. '41)

**Doyle, Victor H.,** Dist. Mgr., Pacific States Cast Iron Pipe Co., Rialto Bldg., San Francisco, Calif. (Oct. '39)

**Doyne, Max H.,** Director of Public Utilities, St. Louis, Mo. (July '41)

**Drake, Alan D.,** Director of Water, City Hall, Buffalo, N.Y. (Jan. '34)

**Drake, Chester F.,** Supt. of Filtration, 226 Delafield Ave., Aspinwall, Pa. (Apr. '10) *Fuller Award '41.*

**Drake, William O.,** Cons. Engr., 35 E. 4th St., Corning, N.Y. (Apr. '17)

**Draves, Harry J.,** Supt., Dept. of Water Works, 532 Franklin St., Michigan City, Ind. (Jan. '38)

**Dresden, Town of,** Carleton Brown, Town Foreman, Dresden, Ont., Can. (Corp. M. July '41)

**Dresser Mfg. Co.,** Hector P. Boncher, Sales Mgr., Bradford, Pa. (Assoc. M. June '04)

**Drewry, E. M.,** Supt., Munic. Water Plant, Whitewater, Wis. (Apr. '41)

**Driftmier, Mark E.,** Citizens Water Co., 314 N. Fourth St., Burlington, Iowa (July '37)

**Driggs, Edwin L.,** Office Engr., East Bay Munic. Utility Dist., 512—16th St., Oakland, Calif. (May '33)

**Driscoll, Florence E.,** Water Registrar & Secy., Haverhill Water Dept., 14 Court St., Haverhill, Mass. (July '37)

**Driskell, Thos. E.,** Supervisor of Water Supplies, Dept. of Public Welfare, State Office Bldg., Columbus, Ohio (Apr. '42)

**Drost, W. P.,** Water Supt., 1015 Bond St., Bend, Ore. (July '35)

**Druar, John F.,** Cons. Engr., 1411 Pioneer Bldg., St. Paul, Minn. (Nov. '19)

**Du Bois Bureau of Water,** M. E. Milliren, City Engr., City Hall, Du Bois, Pa. (Corp. M. Oct. '39)

**Dubois, F. W.,** Pres., F. W. Dubois Co., 2832 E. Grand Blvd., Detroit, Mich. (Jan. '38)

**du Bruyne, Robert M.,** Chemist, Water & Light Dept., Box 1172, Gastonia, N.C. (Oct. '41)

**Duckett, Roy,** Supt., Water Dept., Sweetwater, Tex. (Oct. '39)

**Dudley, H. M.,** Salesman, Utilities Supply Co., 1736 E. 15th St., Los Angeles, Calif. (Sept. '29)

**Duff, Robert A.,** *see* Medford Water Com.

**Duffy, William B.,** Supt., Public Works, North Andover, Mass. (July '35)

**Dufresne, Paul Edmond,** City Engr., P.B. 203, Trois-Rivieres, Que., Can. (July '38)

**Dugan, F. C.,** *see* Kentucky State Board of Health

**Dugger, Eugene F.,** Gen. Mgr., Newport News Water Works Com., Newport News, Va. (May '24) *Director '35-'37, '39. President '38.*

**Duhme, Ralph E.,** Asst. Supt., Water Works Supply Div., 5932 Pandora Ave., Pleasant Ridge, Cincinnati, Ohio (Oct. '38)

**Duis, E. J.,** Supt., Oswego Water System, Oswego, Ore. (Apr. '41)

**Duke, L.,** Supt. & Mgr., Clearwater-Hynes County Water Dist., Hynes, Calif. (Oct. '40)

**Dummer, Otto W.,** Supt. of Meters & Services, Milwaukee Water Works, 109 City Hall, Milwaukee, Wis. (Jan. '42)

**Duncan, D. L.,** Dist. Mgr., California Water Service Co., Box 269, Martinez, Calif. (Aug. '30)

**Duncan, Malcolm,** Mgr. of Eng., Atlantic Utility Service Corp., 412 Washington St., Reading, Pa. (July '41)

**Dunham, Henry G.,** Bacteriologist, 920 Henry St., Detroit, Mich. (June '25)

**Dunham, Stanley,** 1608 Malcolm Ave., Los Angeles, Calif. (Oct. '34)

**Dunkirk Board of Water Comrs.,** W. O. Peck, Supt., City Hall, Dunkirk, N.Y. (Corp. M. Apr. '37)

**Dunmire, E. H.,** Prin. Materials Engr., U.S. Ninth Naval Materials Office, 175 W. Jackson Ave., Chicago, Ill. (Apr. '40)

**Dunn, Stephen M.,** Chief Mech. Engr., Bureau of Water Works & Supply, Box 3669 Terminal Annex, Los Angeles, Calif. (Sept. '31)

**Dunn, William Carey,** Supt., Mt. Hope Filter Plant, Box 1441, Cristobal, Canal Zone (Apr. '19)

**Dunnville Public Utilities Com.,** H. E. Foster, Mgr., Dunnville, Ont., Can. (Corp. M. Jan. '35)

**Dunstan, Gilbert H.,** Assoc. Prof. of San. Eng., Univ. of Alabama, University, Ala. (July '31)

**Dunstan, James,** City Engr., City Engr.'s Office, City Hall, Wenatchee, Wash. (Apr. '38)

**Du Pre, R. B.,** City Mgr., 406 Whitlock Ave., Marietta, Ga. (July '35)

**Durbin, W. H.,** Mgr., Terre Haute Water Works Corp., 634 Cherry St., Terre Haute, Ind. (May '23)

**Durham Water Dept.,** D. McGregor Williams, City Hall, Durham, N.C. (Corp. M. July '34)

**Dutton, Marshall S.,** Supt. of Water, Municipal Bldg., Oak Park, Ill. (Apr. '37)

**Duvall, Arndt J.,** San. Engr., Toltz, King & Day, Inc., 1509 Pioneer Bldg., St. Paul, Minn. (Apr. '41)

**Duy, Carl,** Engr. of Water Works, Aurora Water Dept., Aurora, Ill. (Oct. '41)

**Dwyer, John D.,** Chairman, Water & Sewer Board, 110 S. Border Rd., Medford, Mass. (May '22)

**Dwyer, John James,** Asst. Chemist, Chesapeake & Ohio Ry. Co., 1220—10th Ave., Huntington, W.Va. (Jan. '41)

**Dwyer, Thomas E.,** *see* Lead Lined Iron Pipe Co.

**Dyer, Edward A.,** Supt., Water Dept., Cobleskill, N.Y. (Apr. '37)

**Earhart, Fred A.,** Comr. of Public Utilities, City Hall, New Orleans, La. (July '37)

**Early, Mart,** Water & Sewage Supt., Water Dept., Moscow, Idaho (Apr. '40)

**Earp, Fred B.,** Draftsman, City Water Dept., Durham, N.C. (Jan. '41)

**East Aurora, Village of,** Edward D. Neal, Supt. of Water Works, Village Hall, Main St., East Aurora, N.Y. (Corp. M. Apr. '37)

**East Bay Munic. Utility Dist.,** J. S. Longwell, Chief Engr. & Gen. Mgr., 512—16th St., Oakland, Calif. (Corp. M. Sept. '29)

**East Chicago Dept. of Water Works,** Albert G. Vinick, Supt., 4733 Olcott Ave., East Chicago, Ind. (Corp. M. Jan. '36)

**East Coast Water Co.,** Garland S. Sydnor, Box 1476, Richmond, Va. (Corp. M. Oct. '41)

**East Helena, City of,** Water Dept., A. H. Carlson, Clerk, East Helena, Mont. (Corp. M. Apr. '38)

**East, L. A.,** Supt. of Water Works, Savannah, Ga. (Nov. '29)

**East Moline Water Works Dept.,** Arnold Neihaus, Supt., City Hall, East Moline, Ill. (Corp. M. Oct. '41)

**East Orange Board of Water Comrs.,** Water Dept., Roswell M. Roper, Engr. & Gen. Mgr., East Orange, N.J. (Corp. M. Aug. '09)

**East York, Township of,** Grant R. Jack, Comr. of Works, 443 Sammon Ave., Toronto, Ont., Can. (Corp. M. Jan. '35)

**Easterday, E. E.,** Div. Engr., St. Louis Water Div., 1640 S. Kingshighway, St. Louis, Mo. (May '26)

**Eastwood, C.,** *see* London Public Utilities Com.

**Eastwood, Charles H.,** Wallace & Tiernan Co., Inc., Newark, N.J. (July '35)

**Eaton, Thomas J.,** Supt., Bureau of Water, Amsterdam, N.Y. (July '35)

**Ebasco Services, Inc.,** A. C. Clogher, 2 Rector St., New York, N.Y. (Corp. M. Mar. '29)

**Ebaugh, Robert M.,** Asst. Engr., Southern California Water Co., 418 N. Pine St., San Gabriel, Calif. (Jan. '40)

**Eberling, Carl A.,** Supt., Water Works Dept., 138 City Hall, Cincinnati, Ohio (June '34)

**Ebert, Arvine G.,** Office Mgr., Illinois Water Service Co., 124 W. Washington St., Pontiac, Ill. (Oct. '41)

**Ebert, R. E.,** Chemist, Water Dept., 1368 E. Sprague St., Winston-Salem, N.C. (Dec. '33)

**Ebright, H. L.,** Northwest Mgr., Robert W. Hunt Co., 3008—45th Ave., S.W., Seattle, Wash. (July '41)

**Eby, Arthur M.,** Supt., Water Dept., 427 W. Boone St., Belvidere, Ill. (Oct. '41)

**Eby, Earl H.,** Vice-Pres., Elk River Concrete Products Co., 502 Power Bldg., Helena, Mont. (Apr. '40)

**Eby, Jos. S.,** Local Supt., Water Works Dept., Calgary Power Co., Box 263, Camrose, Alta., Can. (Apr. '42)

**Echarte y Romero, Jorge,** Engr., Public Works Dept., F No. 664, Vedado, Havana, Cuba (Jan. '42)

**Eck, Girard C.,** Chemist, Rayonier, Inc., Shelton, Wash. (Jan. '39)

**Eckart, Nelson A.,** Gen. Mgr. & Chief Engr., Water Dept., 425 Mason St., San Francisco, Calif. (Mar. '30) *Director '37–'39.*

**Eckert, Alfred,** Director of Public Works, 3 Jefferson Court, Saginaw, Mich. (Jan. '29)

**Eckert, Otto E.,** *see* Lansing Board of Water & Elec. Light Comrs.

**Eckhardt, Malcolm M.,** *see* Birmingham Water Co.

**Ecusta Paper Corp.,** Herbert F. Finck, Hydr. Engr., Pisgah Forest, N.C. (Corp. M. Jan. '40)

**Eddy, Harrison P., Jr.,** Cons. Engr., Metcalf & Eddy, 1300 Statler Bldg., Boston, Mass. (Apr. '30)

**Eddy Valve Co.,** John Knickerbacker, Pres., Waterford, N.Y. (Assoc. M. June '86)

**Edling, John O.,** Supt., Schuylkill Haven Gas & Water Dept., 230 Paxson Ave., Schuylkill Haven, Pa. (Jan. '42)

**Edmonton, City of,** W. R. Mount, Engr. & Supt., Water Works Distr. System, Edmonton, Alta., Can. (Corp. M. July '40)

**Edson Corp.,** J. William Wickwire, 49–51 D St., South Boston, Mass. (Assoc. M. Mar. '23)

**Edwards, A. B.,** Chief Operator, Pumping Plant, Burlington, Ont., Can. (Jan. '37)

**Edwards, Carl I.,** Acting Water Supt., Pequannock Township Water Dept., Pompton Plains, N.J. (Jan. '42)

**Edwards, Dwight W.,** Gen. Mgr., Iowa Water Service Co., 224 E. College St., Iowa City, Iowa (Jan. '42)

**Edwards, John C.,** Chemist & Asst. Mgr., Huntington Water Corp., 720—4th Ave., Huntington, W.Va. (Apr. '39)

**Edwards, Robert V.,** Asst. Secy., American Concrete & Steel Pipe Co., Box 3428 Terminal Annex, Los Angeles, Calif. (Oct. '39)

**Edwards, William R.,** Vice-Pres., New York Water Service Corp., 20 East Ave., Rochester, N.Y. (Apr. '14)

**Egan, J. H.,** Crane Co., 321 E. Third St., Los Angeles, Calif. (Oct. '31)

**Egbert, Donald C.,** City Mgr., Water Dept., Birmingham, Mich. (Jan. '38)

**Eger, Joseph R.,** Supt. of Filtration, 109 Erin St., Piedmont, W.Va. (Affil. Jan. '39)

**Eggerling, William J.,** Water Supt., Irvington, N.Y. (July '39)

**Egginson, Howard G.,** R.F.D. No. 1, Keyport, N.J. (Jan. '42)

**Eggleston, H. R.,** Chemist & Bacteriologist, Dept. of Public Service, Marietta, Ohio (Jan. '39)

**Ehlers, V. M.,** Chief San. Engr., State Dept. of Health, Austin, Tex. (Oct. '27) *Fuller Award '41.*

**Eichinger, E. C.,** Chemist, Oshkosh Filter & Softener Co., Box 694, Oshkosh, Wis. (July '37)

**Eidsness, Fred A.,** 1404 Dancy St., Jacksonville, Fla. (May '41)

**Eikey, Tony,** Supt., Traverse City Water Dept., 1017 Cass St., Traverse City, Mich. (July '40)

**Eisenberg, George M.,** Cons. Bacteriologist, Water Dept., Town Hall, Moorestown, N.J. (Oct. '40)

**El Paso, Water Dept.,** Ashley G. Classen, Supt., Box 511, El Paso, Tex. (Corp. M. Jan. '39)

**Elder, Albert L.,** Prof. of Chem., Syracuse Univ., Bowne Hall, Syracuse, N.Y. (Sept. '28)

**Elder, Clayburn C.,** Hydrographic Engr., Metropolitan Water Dist. of Southern California, 306 W. 3rd St., Los Angeles, Calif. (Aug. '31)

**Eldred, Norman O.,** Sales Engr., The Permutit Co., 111 E. Washington St., Bloomington, Ill. (Oct. '41)

**Eldridge, William Jenkson,** Water Dept. Supervisor, E. I. du Pont de Nemours & Co., Rayon Div., Old Hickory, Tenn. (July '40)

**Electric Chemical Co.,** C. V. Baker, Technical Sales-Munic. Dept., 8011 Franklin Blvd., Cleveland, Ohio (Assoc. M. July '36)

**Electro Rust-Proofing Co.,** E. H. Ingle, 1026 Wayne Ave., Dayton, Ohio (Assoc. M. Apr. '39)

**Elford, John P.,** Salesman, Ohio Salt Co., 629 S. Woodlawn Ave., Bloomington, Ind. (Apr. '41)

**Eliassen, Rolf,** Assoc. Prof. of San. Eng., New York Univ., University Heights, New York, N.Y. (Jan. '35)

**Elkhorn Light & Water Com.,** Neal B. Thayer, Supt., Elkhorn, Wis. (Corp. M. Oct. '35)

**Ell, Arthur F.,** Gen. Mgr. & Auditor, Interstate Water Co., 141 N. Vernuhon St., Danville, Ill. (July '41)

**Ellensburg Water Dept.,** Willis Hall, Supt., 420 N. Pearl St., Ellensburg, Wash. (Corp. M. Apr. '41)

**Eller, Edwin C.,** Engr., Rahway Water Dept., 1470 Campbell St., Rahway, N.J. (Jan. '40)

**Ellerker, Stanley,** Supt. of Water Works, Forest, Ont., Can. (July '37)

**Elliott, Earl C.,** Pres., California Water Service Co., Box 1150, San Jose, Calif. (July '28)

**Elliott, Robert G.,** Asst. Medical Inspector, U.S. Army, Station Hospital, Fort Benning, Ga. (Jan. '42) ★

**Elliott, Wilson D.,** Chemist & Bacteriologist, Water Works, Ottumwa, Iowa (Jan. '31)

**Ellis, Edison W.,** Cons. Engr., 122½ E. Main St., Van Wert, Ohio (Oct. '41)

**Ellis, F. K.,** Supt., Public Works Dept., Box 128, Sumter, S.C. (Apr. '39)

**Ellis, George R.,** Canandaigua, N.Y. (July '07)

**Ellis, Gordon B.,** *see* Windsor Utilities Com.

**Ellis, Norman T.,** City Chemist, Water & Sewage Dept., 213 Clinton St., Grand Haven, Mich. (Oct. '40)

**Ellis, Richard H.,** Engr., Inspection Dept., Associated Factory Mutual Fire Insurance Cos., 184 High St., Boston, Mass. (Apr. '38)

**Ellis, Z. Wayne,** Operator, Kentucky Utilities Co., Sturgis, Ky. (Oct. '41)

**Ellms, Joseph W.,** Comr. of Sewage Disposal, Dept. of Public Utilities, City Hall, Cleveland, Ohio (Oct. '19) *Trustee '23–'25.*

**Ellsworth, Harry,** Supt., Water & Light Dept., Meadville, Pa. (July '07)

**Ellsworth, Samuel M.,** Cons. Engr., 6 Beacon St., Boston, Mass. (Apr. '30)

**Elmira Water Board,** John G. Copley, Gen. Mgr., 408–412 E. Market St., Elmira, N.Y. (Corp. M. Mar. '15)

**Elmore, Walter R.,** Salesman, Neptune Meter Co., 2633 Roswell Ave., Charlotte, N.C. (Oct. '41)

**Elnor, G. E.,** *see* North Bay, City of

**Elrod, Henry E.,** Cons. Engr., Petroleum Bldg., Houston, Tex. (Feb. '16)

**Elsman, Ralph,** *see* San Jose Water Works

**Elting, Oscar R.,** Asst. Engr., Bureau of Water Supply, 403 Municipal Bldg., Akron, Ohio (Feb. '30)

**Elwell, Paul W.,** Cons. Munic. Engr., 5005 Euclid Ave., Cleveland, Ohio (July '38)

**Ely, Howard M.,** Engr., Interstate Water Co., Danville, Ill. (June '09)

**Ely, Van Horn, Jr.,** *see* Philadelphia Suburban Water Co.

**Emerson, Charles A.,** Cons. Engr., Havens & Emerson, 233 Broadway, New York, N.Y. (May '08)

**Emerson, Wm.,** Supt., Water Dept., City Hall, Portland, Ind. (Apr. '40)

**Emery Floyd A.,** *see* Batavia, City of

**Emigh, William C.,** City Engr., Coatesville, Pa. (Jan. '37)

**Emporium Water Co.,** H. G. Tompkins, Supt., Emporium, Pa. (Corp. M. Mar. '26)

**End, Charles F.,** Supt., Raritan Township Water Dept., Route No. 19, New Brunswick, N.J. (May '30)

**End, William F.,** Civ. Engr., 2 Georgian Court, Troy, N.Y. (Jan. '36)

**Endicott Water Works Co.,** Earl J. Grippen, Supt., Endicott, N.Y. (Corp. M. Feb. '28)

**Engel, P. N.,** Pres., Infilco, Inc., 325 W. 25th Pl., Chicago, Ill. (June '19)

**Enger, M. L..** Dean of College of Eng. & Director of Eng. Expt. Station, Univ. of Illinois, Urbana, Ill. (Mar. '15) *Goodell Prize '40.*

**Engineering News-Record,** E. J. Cleary, 330 W. 42nd St., New York, N.Y. (Assoc. M. May '18)

**Engle, James W.,** Chem. Engr., 934 N. Irving St., Arlington, Va. (Sept. '23)

**English, J. E.,** *see* American Smelting & Refining Co.

**English, James A.,** City Engr. & Supt. of Water Works, Salisbury, N.C. (Dec. '33)

**Enslow, Linn H.,** Editor, *Water Works & Sewerage*, 155 E. 44th St., New York, N.Y. (Aug. '18) *Diven Medal '35. Director '36–'42.*

**Entwhistle, Richard R.,** Tower Place, Fort Thomas, Ky. (Apr. '38) ★

**Enz, Charles F.,** Supt., Lockport Water Works & Sewerage System, 914 Commerce St., Lockport, Ill. (Oct. '41)

**Erickson, Claud R.,** Mech. Engr., Board of Water Comrs., 116 W. Ottawa St., Lansing, Mich. (Jan. '40)

**Erickson, D. L.,** City Engr. and Director of Dept. of Parks, Public Property & Improvements, Lincoln, Neb. (June '24) *Fuller Award '41.*

**Erickson, E. H.,** Salesman, Crane Co., 126 S. Post St., Spokane, Wash. (Jan. '36)

**Erickson, Frederick K.,** Acting San. Engr., Pierce County Health Dept., 505 Courthouse, Tacoma, Wash. (Jan. '42)

**Erickson, Wendell J.,** Asst. San. Engr., State Dept. of Health, State Office Bldg., Albany, N.Y. (Jan. '24)

**Erion, Daniel Ray, Jr.,** Filter Operator, Milford Water Works, 605 High St., Milford, Ohio (Apr. '40) ★

**Erion, Ray,** Supt. & Chemist, Milford Water Works, 605 High St., Milford, Ohio (Apr. '39)

**Eschenfelder, A.F.,** *see* Glen Ridge Water Dept.

**Estabrook, Joseph B.,** 521 Sexton Bldg., Minneapolis, Minn. (Apr. '36)

**Estes, N. C.,** Dist. Mgr., Wallace & Tiernan Co., Inc., 2615 Fannin St., Houston, Tex. (Oct. '38)

**Estey, Chas. A.,** Mgr., Pacific States Cast Iron Pipe Co., 437 S. Hill St., Los Angeles, Calif. (Oct. '37)

**Esty, Roger W.,** Supt., Water Dept., 17 Hobart St., Danvers, Mass. (Mar. '24) *Director '39–'41.*

**Etobicoke, Township of,** F. McArthur, Township Engr., Islington, Ont., Can. (Corp. M. July '41)

**Eugene Water Board,** W. J. Moore, Water Supt., 1116 Willamette St., Eugene, Ore. (Corp. M. Jan. '39)

**Evans, Edmund Boyce,** Asst. Water Purif. Supervisor, Water Works, 1215 Elgin Pl., Mt. Adams, Cincinnati, Ohio (Jan. '27)

**Evans, G. Taylor,** Vice-Pres. & Gen. Mgr., Ohio Water Service Co., Struthers, Ohio (Apr. '28)

**Evans, J. Claire,** Denver Fire Clay Co., Box 5510, Denver, Colo. (Jan. '37)

**Evans, L. J.,** Dist. Mgr., Public Service Co. of Indiana, Wabash, Ind. (Jan. '37)

**Evans, R. W.,** Mgr., Water Works, Uvalde, Tex. (Jan. '35)

**Evans, R. W.,** Supt. of Water Works, Versailles, Ind. (Jan. '41)

**Evans, Samuel A.,** Asst. Civ. Engr., Bureau of Water Works & Supply, 1438 N. Coronado St., Los Angeles, Calif. (Oct. '34)

**Evans, Thos. H.,** Mgr., Great Falls Pumping Station & Filtration Plant, Box 809, Great Falls, Mont. (Jan. '39)

**Evansville Water Works Dept.,** Edwin C. Henning, Sr. Member, Board of Trustees, Evansville, Ind. (Corp. M. May '06)

**Everett, Jasper W.,** Vice-Pres., Springfield City Water Co., Boonville Ave. & Chestnut St., Springfield, Mo. (May '22)

**Everett, W. J.,** Apdo. 200, Camaguey, Cuba (Jan. '41)

**Everett Water Dept.,** G. G. Paine, City Engr. & Water Supt., 3102 Cedar St., Everett, Wash. (Corp. M. Jan. '35)

**Everson Mfg. Co.,** Roy B. Everson, Pres., 214 W. Huron St., Chicago, Ill. (Assoc. M. Jan. '37)

**Everson, Roy B.,** *see* Everson Mfg. Co.

**Every, Virgil F.,** Artesian Well & Equipment Co., Rochelle Park, N.J. (Jan. '42)

**Evrard, James A.,** State School, Glenwood, Iowa (Apr. '39)

**Ewing, Byron E.,** Supt. & Mgr., City Water Dept., Arroya Grande, Calif. (Oct. '41)

**Eyer, Claude W.,** Supt., Water Dept., City Hall, Glendive, Mont. (Feb. '31) *Fuller Award '38.*

**Eyer, Frank A.,** Pres., Selinsgrove Water Supply Co., 21 S. Market St., Selinsgrove, Pa. (Apr. '37)

**Faber, Harry A.,** Research Chemist, The Chlorine Institute, Inc., 50 E. 41st St., New York, N.Y. (July '35)

**Fager, E. P.,** Dearborn Chemical Co., 310 S. Michigan Ave., Chicago, Ill. (Aug. '20)

**Fague, Hugh F.,** Supt. of Constr. & Maint., Bureau of Water Works, 1900 N. Interstate Ave., Portland, Ore. (May '33)

**Fahlstrom, David,** 427 School St., Putnam, Conn. (July '35)

**Fahning, John M.,** Co-Partner, Fahning Contracting Co., 460 Leroy Ave., Buffalo, N.Y. (July '41)

**Fair, Gordon Maskew,** Prof. of San. Eng., Harvard Univ., 7 Scott St., Cambridge, Mass. (Jan. '25)

**Fairbairn, John M.,** Inspection Engr., Chas. Warnock & Co., Ltd., 1000 McGill Bldg., 485 McGill St., Montreal Que., Can. (Apr. '34)

**Fales, Almon L.,** Cons. Engr., Metcalf & Eddy, Cons. Engrs., 1300 Statler Bldg., Boston, Mass. (Feb. '21)

**Falls, O. M.,** *see* York, Township of

**Farbacher, John B.,** Water Supt., Shaler Township, R.D. No. 8, Box 152, Keystone St., Sharpsburg, Pa. (Jan. '41)

**Farley, John L., Jr.,** 1716 Redfern Ave., Far Rockaway, N.Y. (Jan. '39)

**Farmer, Chas. C.,** Secy. & Treas., Beckley Water Co., Box 750, Beckley, W.Va. (July '40)

**Farnan Brass Works Co.,** Louis P. Smith, Pres., Box 6147, Cleveland, Ohio (Assoc. M. May '92)

**Farnsworth, Geo. L., Jr.,** 230 Christie St., Ottawa, Ill. (Jr. M. Jan. '42) ★

**Farquharson, Alex L.,** Mgr., Brockville Public Utilities, Victoria Hall, Brockville, Ont., Can. (Mar. '24)

**Farr, Fred, Jr.,** San. Engr., State Board of Health, 1098 W. Michigan St., Indianapolis, Ind. (Jr. M. Oct. '41)

**Farrell, J. W. D.,** *see* Regina Water Works Dept.

**Farrell, L. S.,** Filtration Engr., S. F. Bowser & Co., Inc., Fort Wayne, Ind. (Jan. '42)

**Farrell, Louis L.,** Supt., Constr. & Maint., East Bay Munic. Utility Dist., 512—16th St., Oakland, Calif. (Sept. '22)

**Farrell, R. P.,** Asst. Director, Div. of San. Eng., Tennessee Dept of Public Health, 420—6th Ave., N., Nashville, Tenn. (Apr. '39)

**Farrington, Philip King,** Sales Agent, U.S. Pipe & Foundry Co., 907 Monadnock Bldg., San Francisco, Calif. (Jan. '41)

**Farson, C. L.,** Supt., Trotter Water Co., Uniontown, Pa. (July '39)

**Farver, Roy,** Supt. & Clerk, Board of Public Affairs, West Milton, Ohio (Apr. '40)

**Fassnacht, George G.,** 5901 E. Washington St., Indianapolis, Ind. (Jan. '40)

**Faulks, J. Harris,** Sales Repr., Neptune Meter Co., 20 Bailey Rd., Maplewood, N.J. (Oct. '35)

**Faulks, Theo. D.,** 282 Roseville Ave., Newark, N.J. (Apr. '37)

**Faust, Raymond J.,** Asst. Engr., Michigan Dept. of Health, Lansing, Mich. (Jan. '38)

**Faw, Claude T.,** California Corrugated Culvert Co., 600 Haddon Rd., Oakland, Calif. (Nov. '29)

**Fawcett, L. T.,** Secy. & Chief Engr., Mahoning Valley Sanitary Dist., Box 298, Youngstown, Ohio (July '39)

**Fawkes, A. W. Ellson,** City Engr., City of Moose Jaw, Moose Jaw, Sask., Can. (Apr. '38)

**Feben, Douglas,** Sr. San. Chemist, City Filtration Plant, Water Works Park, Detroit, Mich. (Jan. '36)

**Febry, Wm. E.,** Distr. Supt., Wisconsin Power & Light Co., 946 Kenwood Ave., Beloit, Wis. (Jan. '41)

**Federal Advisers, Inc.,** J. S. Thornton, Purchasing Agent, 70 Pine St., New York, N.Y. (Corp. M. Jan. '39)

**Federal Pipe & Tank Co.,** Leon H. Spaulding, 6851 E. Marginal Way, Seattle, Wash. (Assoc. M. Feb. '31)

**Feeney, A. J.,** Asst. Engr., Water Dept., Wilmington, Del. (Apr. '19)

**Feitel, Ed. E.,** Pres. & Gen. Mgr., Water Works, Harvey, La. (Apr. '38)

**Fellers, Frank L.,** Supt., Water Dept., 422 Bonnardell Ave., Sebastopol, Calif. (Oct. '39)

**Fendley, D. C.,** Chairman of Fire & Water Com., Orangeville, Ont., Can. (Apr. '42)

**Fenkell, George H.,** 16614 Ashton Rd., Detroit, Mich. (June '20) *Trustee '26–'28. Vice-Pres. '30. President '31. Director '32, '38–'41. Honorary M. '40.*

**Fenn, N. Frederick,** Chief Engr., South Bay Consolidated Water Co., Bay Shore, N.Y. (Nov. '27)

**Fenton, M.F.,** Los Angeles Mgr., Wailes Dove-Hermiston Corp., 2461 E. 8th St., Los Angeles, Calif. (Dec. '32)

**Ferem, Walter,** Pres. & Gen. Mgr., The Walter Ferem Co., 112 W. 9th St., Los Angeles, Calif. (Jan. '40)

**Fergus Falls Water Dept.,** Joseph E. Young, Supt., Fergus Falls, Minn. (Corp. M. July '38)

**Ferguson, G. H.,** Chief San. Engr., Dept. of Pensions & National Health, 326 Daly Bldg., Ottawa, Ont., Can. (Mar. '25)

**Ferguson, George E.,** Dist. Engr., U.S. Geological Survey, Box 607, Ocala, Fla. (July '41)

**Ferguson, Gerald W.,** Asst. Public Health Engr., U.S. Public Health Service, 2201 Mietaw Drive, Sarasota, Fla. (Jan. '42)

**Ferguson, J. B.,** 312 Washington St., Hagerstown, Md. (Sept. '19)

**Ferguson, S. F.,** Cons. Engr., Douglas Hotel Bldg., Newark, N.J. (Apr. '37)

**Fernandez y Simon, Abel,** Ing. Consultor, Ave. de la Republica No. 455, Havana, Cuba (Jan. '39)

**Ferzacca, V. J.,** *see* Pure Water Co., Inc.

**Fewell, J. H.,** Engr. & Supt. of Constr., Jackson Water Works, Jackson, Miss. (June '26)

**Fiedler, Albert G.,** Div. of Ground Water, U.S. Geological Survey, Washington, D.C. (Jan. '29) *Goodell Prize '39.*

**Field, H. L.,** Supt., Water Dept., Greenfield, Mass. (June '29)

**Field, Ross B.,** Jr. Civ. Engr. "A," Bureau of Water Works & Supply, Box 3669 Terminal Annex, Los Angeles, Calif. (July '35)

**Field, William T.,** Pres., William T. Field Engrs., Inc., Flower Bldg., Watertown, N.Y. (Apr. '10)

**Filby, E. L.,** Black & Veatch, Cons. Engrs., 4706 Broadway, Kansas City, Mo. (Feb. '22)

**Filipi, T. A.,** Public Health Engr., State Dept. of Health, 1017 State House, Lincoln, Neb. (Jan. '38)

**Finch, Lewis S.,** Prin. Asst. Engr., Indianapolis Water Co., 113 Monument Circle, Indianapolis, Ind. (Oct. '33)

**Finch, Ronald M.,** Div. Mgr., Wallace & Tiernan Co., Inc., 414 Flour Exchange Bldg., Minneapolis, Minn. (May '25)

**Finck, Herbert F.,** *see* Ecusta Paper Corp.

**Findlan, John S.,** Comr. of Finance, Water Dept., City Hall, St. Paul, Minn. (Oct. '38)

**Finerty, Hugh P.,** Trustee, Council Bluffs City Water Works, Council Bluffs, Iowa (Apr. '38)

**Finkbeiner, Carleton S.,** Cons. Engr., 725 Nicholas Bldg., Toledo, Ohio (Jan. '38)

**Finley Lester,** Gen. Foreman, California Oregon Power Co., 1103 Upham St., Klamath Falls, Ore. (Jan. '41)

**Fire Underwriters Inspection Bureau,** Sanford Herberg, Engr., 1229 Plymouth Bldg., Minneapolis, Minn. (Corp. M. Feb. '24)

**Fischer, F. P.** Sales Engr., Wallace & Tiernan Co., Inc., 811 Perry Payne Bldg., Cleveland, Ohio (July '37)

**Fiscus, David H.,** Div. Mgr., California Water & Telephone Co., 2130 Huntington Drive, San Marino, Calif. (Oct. '35)

**Fisher, Gerhard R.,** *see* Fisher Research Lab.

**Fisher, L. A.,** Supt., Board of Water & Light Comrs., Concord, N.C. (Jan. '14)

**Fisher, L. M.,** 857 U.S. Custom House, Chicago, Ill. (July '35)

**Fisher Research Lab.,** Gerhard R. Fisher, 1961 University Ave., Box 356, Palo Alto, Calif. (Assoc. M. July '38)

**Fishers Island Farms, Inc.,** Harold J. Baker, Fishers Island, N.Y. (Corp. M. May '30)

**Fishtein, Max,** 59 E. Van Buren St., Chicago, Ill. (Dec. '27)

**Fitzgerald, Gerald C.,** Civ. & Hydr. Engr., 625 Rowan Bldg., Los Angeles, Calif. (Apr. '29)

**Fitzgerald, Howard W.,** Chief Engr., Div. of Water, Buffalo, N.Y. (Apr. '23)

**Fitzgerald, R. W.,** Chief Chemist, Div. of Water, Norfolk, Va. (July '38)

**Fitzpatrick, T. L.,** *see* Massena, Village of

**Five, Helge,** Administrative Headquarters, Long Island State Park Com., Babylon, N.Y. (Jan. '39)

**Fiveash, Charles E.,** Supt. of Plants, Water & Sewage Dept., City Hall, Fort Lauderdale, Fla. (July '39)

**Flaa, Ingwald E.,** Hydr. Engr., San Francisco Water Dept., 425 Mason St., San Francisco, Calif. (May '15)

**Flack, Horace E.,** Exec., Dept. of Legislative Reference, City Hall, Baltimore, Md. (June '19)

**Flanagan, John C.,** Asst. Secy. & Registrar, Water Dept., St. Paul, Minn. (July '35)

**Flanagan, Joseph E., Jr.,** Asst. San. Engr., National Inst. of Health, U.S. Public Health Service, Industrial Hygiene Div., Bethesda, Md. (July '40)

**Flanagan, Walter H.,** Sales Engr., Standard Lime & Stone Co., 630 N. Elm St., Greensboro, N.C. (July '40) ★

**Flanders, W. C.,** Sales Mgr., Worthington Gamon Meter Co., 916 Lake St., Newark, N.J. (Oct. '35)

**Flannery, Charles A.,** Box 91, Fort Lewis, Wash. (Oct. '38) ★

**Fleming, Edward H.,** Supt., Mojave Div., Los Angeles Aqueduct, Mojave, Calif. (Oct. '34)

**Fleming, Julian R.,** Asst. Prof., Hydr. & San. Eng., Ferris Hall, Univ. of Tennessee, Knoxville, Tenn. (Jan. '41)

**Fleming, Virgil R.,** Univ. of Illinois, 209 Materials Testing Lab., Urbana, Ill. (Apr. '15)

**Flentje, Martin E.,** 5 Hamilton Rd., Glen Ridge, N.J. (Mar. '26)

**Fletcher, Alex, Jr.,** Filter Plant Operator, Tennessee Valley Authority, Watts Bar Dam, Tenn. (Jan. '40)

**Fletcher, Alfred H.,** San. Engr., Johns Hopkins Univ., 615 N. Wolfe St., Baltimore, Md. (Jan. '36)

**Flexible Sewer Rod Equipment Co.,** H. R. Crane, 9059 Venice Blvd., Los Angeles, Calif. (Assoc. M. Jan. '38)

**Flint Water Dept.,** E. L. Halloway, City Hall, Flint, Mich. (Corp. M. Nov. '25)

**Flook, Samuel E.,** Supt., Water Works Dept., Public Utilities Bldg., Port Arthur, Ont., Can. (Jan. '36)

**Flory, Harry E.,** Treas., Blue Mountain Consolidated Water Co., Nazareth, Pa. (Apr. '37)

**Flox Co., Inc., The,** C. S. Childs, Treas., 1409 Willow St., Minneapolis, Minn. (Assoc. M. Oct. '41)

**Floyd, Charles, Jr.,** Salesman, Badger Meter Mfg. Co., Box 176, Greenville, S.C. (Apr. '41)

**Foerster, Wm. K.,** Water Supt., Maywood Mutual Water Co. No. 2, 4427 E. Slawson St., Maywood, Calif. (July '39)

**Foggie, John,** Chief San. Inspector, Dept. of Health & Public Welfare, 320 Sherbrook St., Winnipeg, Man., Can. (Jan. '37)

**Foist, George M.,** Dist. Mgr., Public Service Co. of Indiana, Franklin, Ind. (Jan. '37)

**Folger, C. C.,** *see* Kingston Utilities Com.

**Foltz, A. V.,** Asst. Supt., Findlay Water Works, 110 N. Blanchard St., Findlay, Ohio (Apr. '39)

**Foltz, Roger H.,** Supt., Filtration Plant, Water Dept., Lockport, N.Y. (Apr. '42)

**Fond du Lac City Water Dept.,** E. J. Braun, Supt., Fond du Lac, Wis. (Corp. M. May '19)

**Foote, Herbert B.,** Director, Div. of Water & Sewage, State Board of Health, Helena, Mont. (Aug. '23) *Director '32–'33.*

**Forbes, H. De B.,** Cons. Engr., Richmond, Ky. (Oct. '39)

**Ford, H. W.,** Pittsburgh-Des Moines Steel Co., 270 Broadway, New York, N.Y. (July '35)

**Ford, J. W.,** Supt. & Engr., San Jose Water Works, 374 W. Santa Clara St., San Jose, Calif. (Jan. '24)

**Ford, John L.,** Sales Mgr., Ford Meter Box Co., Wabash, Ind. (Jan. '36)

**Ford Meter Box Co.,** 718 Redman Ave., Haddonfield, N.J. (Assoc. M. May '08)

**Ford, Walter A.,** Supt., Cortland Water Board, Cortland, N.Y. (Jan. '36)

**Ford, Wilbur E.,** Wabash, Ind. (July '35)

**Fore, Clifford,** Chief Operator, Munic. Water Works, Carbondale, Ill. (Jan. '37)

**Foreman, Charles S.,** Pres., C. S. Foreman Co., 841 New York Life Bldg., Kansas City, Mo. (June '20)

**Foreman, Merle S.,** Bacteriologist & Chemist, State Board of Health, 825 Cragmont Ave., Berkeley, Calif. (Jan. '28)

**Forest Hill Water Works System,** N. MacNicol, Comr. of Works, 333 Lonsdale Rd., Toronto 10, Ont., Can. (Corp. M. Apr. '42)

**Forgey, Carl S.,** Technical Div., East Bay Munic. Utility Dist., 512—16th St., Oakland, Calif. (June '33)

**Forrest, T. C., Jr.,** Cons. Engr., Praetorian Bldg., Dallas, Tex. (Oct. '39)

**Forsberg, Ole,** Chemist, Oliver Iron Mining Co., Hibbing, Min. (Mar. '21) *Director '34–'36.*

**Forster, Cyril,** Mgr., Palmerston Public Utilities, Box 87, Palmerston, Ont., Can. (Jan. '40)

**Fort Collins, City of,** Burgis G. Coy, City Engr., City Hall, Fort Collins, Colo. (Corp. M. Mar. '26)

**Foster, Charles,** 316 Medical Arts Bldg., Duluth, Minn. (June '19)

**Foster, H. E.,** *see* Dunnville Public Utilities Com.

**Foster, Herbert B., Jr.,** Station Hospital, Camp Callan, San Diego, Calif. (Oct. '39)

**Foulds, Henry W.,** Vice-Pres., The Permutit Co., 330 W. 42nd St., New York, N.Y. (July '40)

**Foulds, Thos. H.,** Mgr., Whittier Water Co., 109 W. Bailey St., Whittier, Calif. (Apr. '36)

**Foulk, C. W.,** Prof. of Anal. Chem., Ohio State Univ., Columbus, Ohio (June '26)

**Fowler, Edward A.,** 366 Pine St., New Orleans, La. (Apr. '10)

**Fowler, H. D.,** Civ. Engr., Box 3084, Seattle, Wash. (July '36)

**Fowler, James D.,** Cons. Engr., Central Bank Bldg., Dallas, Tex. (July '35)

**Fox, Chas. L.,** Pennsylvania Water Co., 712 South Ave., Wilkinsburg, Pa. (June '12)

**Fox, J. E.,** City Engr., City Hall, Wooster, Ohio (Jan. '42)

**Fox, Paul S.,** San. Engr., Bureau of Public Health, Box 750, Santa Fe, N.M. (Oct. '24)

**Fox, Robert H.,** Chief Operator, Centerville Water Works, Centerville, Ohio (Affil. Jan. '41)

**Fox, Robert M.,** Prof. of Civ. Eng., Univ. of Southern California, Los Angeles, Calif. (Jan. '37)

**Foxboro Co., The,** C. Schwarzler, Mgr., Sales Promotion, Neponset Ave., Foxboro, Mass. (Assoc. M. Jan. '37)

**Frame, Paul D.,** Pres., Ulrich Chemical Co., Inc., 31 E. Georgia St., Indianapolis, Ind. (Dec. '37)

**Francis, George Walden,** Cons. Engr. & Mgr., The Francis Engineering Co., 303 Eddy Bldg., Saginaw, Mich. (Apr. '38)

**Francis, James G.,** Civ. Engr., 138 Laurel Drive, Altadena, Calif. (Oct. '31)

**Frank, J. A.,** Engr., National Water Main Cleaning Co., 190 Euclid Ave., Hackensack, N.J. (Oct. '40)

**Frank, O. B.,** Mgr., Conservative Water Co., 8627 Fir St., Los Angeles, Calif. (July '35)

**Franklin Square Water Com.,** Thomas H. Le Roy, Chairman, Board of Water Comrs., Franklin Square, Nassau County, N.Y. (Corp. M. July '41)

**Franklin, W. M.,** Box 3162 Dilworth Station, Charlotte, N.C. (July '35)

**Franz, Edwin F.,** Asst. San. Engr., State Dept. of Health, Louisville, Ky. (Oct. '39)

**Fraschina, Keeno,** Richmond-Sunset Sewage Treatment Plant, 4545 Lincoln Way, San Francisco, Calif. (Jan. '39)

**Fraser Cement Products Co.,** R. J. Fraser Jr., 3020 Andrita St., Los Angeles, Calif. (Assoc. M. Oct. '38)

**Fraser, R. J., Jr.,** *see* Fraser Cement Products Co.

**Fraser, William A.,** Flint Lake Water Co., Blackhawk Beach, Valparaiso, Ind. (Oct. '41)

**Frazza, Louis F.,** Salesman, Johns-Manville Sales Corp., 225 Bamford Ave., Hawthorne, N.J. (Oct. '39)

**Frederick, V. W.,** *see* Libbey-Owens-Ford Glass Co.

**Freeburn, H. M.,** Chief Engr., Philadelphia Suburban Water Co., 1251 Montgomery Ave., Wynnewood, Pa. (May '22)

**Freeland, B. H.,** Supt. of Utilities, Munic. Light & Water Works, Bluffton, Ind. (Oct. '41)

**Freese, S. W.,** Freese & Nichols, Hydr. & San. Engrs., 407 Capps Bldg., Fort Worth, Tex. (Oct. '41)

**Freiberger, Wm. J.,** Supt., Sylvan Spring Water Co., Sylvan Beach, Oneida County, N.Y. (Jan. '38)

**French, Dudley K.,** 503 Hawthorne Lane, Winnetka, Ill. (May '19)

**French, E. J.,** Water Supt., Toledo, Ore. (Apr. '39)

**French, E. V.,** Mech. Engr., 60 Batterymarch St., Boston, Mass. (July '06)

**Fresno City Water Dept.,** Claude H. Weeks, Supt., 1926 Tuolumne St., Box 512, Fresno, Calif. (Corp. M. Jan. '32)

**Frew, Archie,** Chemist, 1207 S. 3rd St., Kankakee, Ill. (Oct. '39)

**Frick, A. L., Jr.,** Dist. Mgr., Wallace & Tiernan Sales Corp., 2311 E. 8th St., Los Angeles, Calif. (July '37)

**Fricker, Emile J.,** Asst. to Pres., Hackensack Water Co., 624 Park Ave., Weehawken, N.J. (Mar. '25)

**Friedman, Samuel,** Chemist, Catskill Lab., Ashokan, N.Y. (Nov. '29)

**Friel, Francis S.,** Albright & Friel, Inc., 1520 Locust St., Philadelphia, Pa. (Mar. '26)

**Friese, John H.,** Asst. Engr., City of White Plains, 255 Main St., White Plains, N.Y. (Affil. Jan. '39)

**Frisk, Paul W.,** Cons. Chem. Engr., 330 N. Charles St., Baltimore, Md. (Mar. '29) *Director '38–'40.*

**Frith, Gilbert R.,** Asst. Engr., Div. of San. Eng., State Board of Health, Atlanta, Ga. (July '37)

**Fritz, William G.,** Contractor, West Orange, N.J. (May '24)

**Fry, James H.,** Chief Chemist, Filtration Plant, R.R. No. 1, Lebanon Rd., Nashville, Tenn. (July '34)

**Fry, Kenneth H.,** Supt., Water Dept., Box 58, Hayward, Calif. (Oct. '41)

**Frye, Horace R.,** Asst. Supt., Water Dept., Sheridan Rd. & Lincoln St., Evanston, Ill. (Mar. '34)

**Fugate, G. L.,** Chief Engr., Water Dept., 631 Harvard St., Houston, Tex. (Oct. '38)

**Fulkman, John A.,** Water Supply Engr., Consoer, Townsend & Quinlan and Batty & Childs, Ordnance Plant, Parsons, Kan. (July '28)

**Fuller, E. E., Jr.,** Bottlers' Service Dept., The Coca-Cola Co., 310 North Ave., N.W., Drawer 1734, Atlanta, Ga. (Jan. '42)

**Fuller, George B.,** Mgr., Public Utilities Com., Watford, Ont., Can. (Jan. '37)

**Fuller, Harry U.,** Chief Engr., Portland Water Dist., 16 Casco St., Portland, Me. (Aug. '32)

**Fuller, M. M.,** Water Supt., City Water Dept., Box C, San Jacinto, Calif. (July '40)

**Fuller, N. M.,** *see* Olean Water Dept.

**Fulmer, Carl H.,** Chairman, Northampton Borough Munic. Authority, 1258 Main St., Northampton, Pa. (Jan. '41)

**Fulton, Angus Anderson,** Water Works Engr., Corp. of Dundee, 17 City Sq., Dundee, Scotland (Oct. '37)

**Furman, Robert W.,** 1443 Kenyon Drive, Toledo, Ohio (May '22)

**Gaffney, L. V.,** Supt., Water Dept., Gaffney, S.C. (July '38)

**Gahn, Harry A.,** Supt., Water Plant, Fort Pierce, Fla. (July '39)

**Galesburg Water Dept.,** R. E. Graham, Supt., City Hall, Galesburg, Ill. (Corp. M. July '41)

**Gallagher, H. A.,** Mgr., Water Co., Independence, Mo. (June '09)

**Gallagher, J. A.,** Supt., Water Dept., City Hall, Corvallis, Ore. (Jan. '40)

**Gallaher, William U.,** Box 252, Appleton, Wis. (Mar. '25)

**Galliher, Floyd E.,** 1801 Seminary, Alton, Ill. (Jan. '41)

**Galloway, George M.,** Layne-Northwest Co., 709 N. 11th St., Milwaukee, Wis. (Jan. '42)

**Galloway, James L.,** *see* Marysville Water Dept.

**Gama, Jose,** Ing., Ave. Chapultepec No. 27, Mexico City, Mexico (June '33)

**Gananoque Water Works Com.,** N. R. Gardner, Supt., Gananoque, Ont., Can. (Corp. M. Mar. '27)

**Gannett, Farley,** Pres., Gannett, Eastman & Fleming, Inc., Harrisburg, Pa. (Jan. '35)

**Gannon, Dan R., Jr.,** National Meter Div., 1455 W. Congress St., Chicago, Ill. (Jan. '42)

**Garber, Henry E.,** Asst. San. Engr., State Board of Health, Danna Kelley Apts. No. 5, Helena, Mont. (Jan. '42)

**Garcia, R. F.,** *see* Central Foundry Co.

**Garcia, Raul Ressano,** Cons. Engr., R. Marquez da Fronteira—113-30 E, Lisbon, Portugal (May '33)

**Garcia-Montes, Jose, Jr.,** Civ. Engr., Ave. de Belgica No. 4, Havana, Cuba (Jan. '36) *Director '41-'42.*

**Gard, Charles M.,** Instructor in San. Eng., New York Univ., University Heights, New York, N.Y. (Oct. '41)

**Garden City, Inc. Village of,** A. H. Rogers, Supt. of Public Works, 110 Seventh St., Garden City, N.Y. (Corp. M. Apr. '40)

**Gardner, Clarke,** Cons. & City Engr., City Hall, Salisbury, Md. (July '36)

**Gardner, Joe H.,** 1401 Jefferson Davis Highway, Arlington, Va. (Apr. '37)

**Gardner, N. R.,** *see* Gananoque Water Works Com.

**Garland, Chesley F.,** Asst. San. Engr., Bureau of San. Eng., State Board of Health, Jacksonville, Fla. (Jan. '42)

**Garman, Glen J.,** *see* La Fayette Water Works

**Garman, H. O.,** Cons. Engr., 803 K. of P. Bldg., Indianapolis, Ind. (May '16)

**Garner, C. C.,** Supt. of Water Works, Laurens, Iowa (Apr. '40)

**Garner, Herman,** Supt., Benton Water Dept., 519 N. Main St., Benton, Ill. (Jan. '42)

**Garnett, George W.,** *see* Port Hope Water Works Com.

**Garratt, James Ernest,** Designing Engr., Div. of Water, 101 City Hall Annex, Newark, N.J. (May '30)

**Garratt, Willis E.,** Mgr., Rogers City Elec. Light & Power Co., Rogers City, Mich. (Apr. '42)

**Garrett, G. H.,** Gen. Mgr., Thompson Pipe & Steel Co., 3001 Larimer St., Denver, Colo. (July '39)

**Garrett, G. S.,** *see* American Water Softener Co.

**Garrison, Walter L.,** Supt., Keokuk Munic. Water Works, 27 N. 5th St., Keokuk, Iowa (Oct. '41)

**Garrity, Leo V.,** Asst. Gen. Supt., Dept. of Water Supply, 16803 Shaftsbury Rd., Detroit, Mich. (July '40)

**Garvin, A. G.,** *see* Suburban Water Co. (Verona)

**Gasell, J. A.,** City Engr., City Water Dept., City Hall, Jackson, Tenn. (Oct. '40)

**Gaspard, August,** Supervisor of Plumbing, Sewerage & Water Board, 526 Carondelet St., New Orleans, La. (July '37)

**Gass, G. M.,** Sales Mgr., National Iron Corp., Ltd., 324 Cherry St., Toronto, Ont., Can. (Jan. '42)

**Gauer, Paul G.,** Chief Engr., City Water Dept., 311 N. Hancock St., Madison, Wis. (May '30)

**Gaughan, P. J.,** Bottlers' Service Dept., The Coca-Cola Co., 310 North Ave., N.W., Drawer 1734, Atlanta, Ga. (Jan. '42)

**Gausmann, Roy W.,** 405 W. 23rd St., New York, N.Y. (Mar. '24)

**Gavett, Weston,** San. & Hydr. Engr., 973 Kenyon Ave., Plainfield, N.J. (Nov. '14)

**Gayton, Loran D.,** Asst. City Engr., 402 City Hall, Chicago, Ill. (Oct. '24)

**Gearhart, J. N.,** City Engr., Myrtle Point, Ore. (Jan. '41)

**Gearhart, John C.,** Jr. Engr., Stevens & Koon, 1203 Spalding Bldg., Portland, Ore. (Jan. '39)

**Gebhart, Earl,** Supt., Middletown Water Works, 2109 Central Ave., Middletown, Ohio (Apr. '39)

**Gehrig, George L.,** *see* Manhasset-Lakeville Water Dist.

**Geisler, Paul W.,** Sales Engr., Alco Products Div., 30 Church St., New York, N.Y. (Apr. '37)

**Gelston, W. R.,** Supt., Water Works Com., 415 Hampshire St., Quincy, Ill. (Jan. '42)

**General Chemical Co.,** L. I. Birdsall, 105 W. Madison St., Chicago, Ill. (Assoc. M. June '02)

**General Utilities Co., Ltd.,** A. L. Murray, Mng. Director, 1029 Marine Bldg., Vancouver, B.C., Can. (Corp. M. Jan. '38)

**Gentner, Warren A.,** Spec. Deputy Mgr. & Spec. Deputy Chief Engr., Water Bureau, 1026 Main St., Hartford, Conn. (Jan. '42)

**George, J. M.,** Supt., Light & Water Dept., Thomaston, Ga. (Jan. '34)

**Georgia, F. R.,** San. Chemist, Cornell Univ. Filter Plant, Forest Home, Ithaca, N.Y. (May '19)

**Gerardy, Maurice N.,** Hydr. Engr., Dept. of Water Supply, Water Board Bldg., Detroit, Mich. (Mar. '22)

**Gerber, Henry M.,** *see* Louisville Water Co.

**Gerber, Winfred D.,** Engr., State Water Survey Div., 406 Florida St., Urbana, Ill. (Apr. '29)

**Gerstacker, Hans,** Operation Foreman, Deer Lodge Water Dept., Box 246, Deer Lodge, Mont. (July '35)

**Gerstein, H. H.,** San. Engr., Dept. of Public Works, 6826 Clyde Ave., Chicago, Ill. (Dec. '25)

**Gettrust, J. S.,** Supt., Purif. & Pumping, Akron Water Works, Kent, Ohio (June '21)

**Getz, John G.,** Pres., Northern Illinois Water Corp., 105 W. Adams St., Chicago, Ill. (Jan. '39)

**Geupel, Louis A.,** Supt., Water Works Dept., City Hall, Evansville, Ind. (Nov. '22)

**Geyer, John C.,** Latrobe Hall, Johns Hopkins Univ., Baltimore, Md. (Oct. '34)

**Ghiotto, Louis A.,** Supt. of Pipe Constr., Bureau of Water Works & Supply, 4337 Finley Ave., Los Angeles, Calif. (Apr. '36)

**Giacomazzi, P. A.,** Supt. of Pipe Constr., Santa Paula Water Works, Santa Paula, Calif. (Nov. '23)

**Gibbons, Edward Vincent,** Chief Chemist, Sternson Labs., Ltd., Brantford, Ont., Can. (Jan. '42)

**Gibbons, Mortimer M.,** 961 Frelinghuysen Ave., Newark, N.J. (Nov. '22)

**Gibbs, Fred S.,** N.E. Mgr.-San. Engr., Wallace & Tiernan Co., Inc., 346A Newbury St., Boston, Mass. (July '41)

**Gibney, Wm. J.,** Repr., Buffalo Meter Co., 90 Roycroft Blvd., Snyder, N.Y. (July '40)

**Gibson, E. W.,** Mgr., Oregon Culvert & Pipe Co., 2321 S.E. Gladstone St., Portland, Ore. (Jan. '35)

**Gibson, James E.,** Mgr. & Engr., Water Dept., 14 George St., Charleston, S.C. (May '22) *Trustee '25–'28. Vice-Pres. '27. President '28. Diven Medal '29. Exec. Com. '29–'30. Director '31. Honorary M. '40. Fuller Award '41.*

**Gibson, W. B.,** Box 1866, Fort Myers, Fla. (Oct. '37)

**Gibson, William R.,** San. Engr., 122 Elliott Ave., W., Seattle, Wash. (Jan. '38)

**Gidley, Harry K.,** Assoc. Engr., State Health Dept., Charleston, W.Va. (Affil. Jan. '39)

**Gidley, Henry T.,** Supt., Fairhaven Water Co., Fairhaven, Mass. (May '23)

**Gilbert, Joseph J.,** San. Engr., 201 Wheatsheaf Lane, Abington, Pa. (July '37) ★

**Gilbertson, Wesley E.,** Asst. San. Engr., U.S. Public Health Service, 605 Volunteer Bldg., Atlanta, Ga. (Jan. '41)

**Gilcreas, F. Wellington,** Assoc. San. Chemist, Div. of Labs. & Research, State Dept. of Health, New Scotland Ave., Albany, N.Y. (Apr. '24)

**Gilkison, Geo. F.,** Supt. of Filtration, Water Dept., Kansas City, Mo. (Apr. '20)

**Gill, John B.,** Sales Supervisor, Johns-Manville Sales Corp., 116 New Montgomery St., San Francisco, Calif. (Jan. '40)

**Gill, Joseph E.,** Prin. Asst. Engr., Bureau of Water, 802 City Hall Annex, Philadelphia, Pa. (Apr. '42)

**Gill, L. M.,** *see* Darco Corp.

**Gillespie, C. G.,** Chief, Bureau of San. Eng., State Dept. of Public Health, 15 Shattuck Sq., Berkeley, Calif. (June '11)

**Gillespie, Wylie W.,** Smith & Gillespie, Engrs., Box 466, Panama Citv Fla. (July '41)

**Gilman, N. A.,** City Water Supt., Yakima, Wash. (June '34)

**Giquel, R. Sanchez,** Engr., State Water Works, Dept. of Public Works, Calle 27 No. 117, Vedado, Havana, Cuba (July '38)

**Girdwood, A. R.,** *see* Shenango Valley Water Co.

**Glace, I. M.,** Cons. Engr., 22 S. 22nd St., Harrisburg, Pa. (Nov. '21) *Fuller Award '41.*

**Glace, I. M., Jr.,** Designing Engr., J. N. Pease & Co., Johnston Bldg., Charlotte, N.C. (Jan. '42)

**Glamorgan Pipe & Foundry Co.,** W. W. Winfree, Lynchburg, Va. (Assoc. M. Nov. '07)

**Glannan, Peter H.,** Supt., Commonwealth Water Co., West Orange Div., 22 Northfield Rd., West Orange, N.J. (June '21)

**Glass, W. A.,** *see* Miami Dept. of Water & Sewers

**Glassbrook, E. F.,** Mgr., Public Utilities California Corp., Niles, Calif. (Apr. '30)

**Gleeson, George H.,** 400 N. Lexington Ave., Pittsburgh, Pa. (July '40)

**Glen Ridge Water Dept.,** A. F. Eschenfelder, Borough Engr., Glen Ridge, N.J. (Corp. M. Oct. '22)

**Glendale Public Service Dept.,** Peter Diederich, Supt., 120 N. Howard St., Glendale, Calif. (Corp. M. Dec. '14)

**Glenn, Charles A.,** Chemical Casting Sales, Lynchburg Foundry Co., Lynchburg, Va. (Jan. '39)

**Glens Falls Board of Water Comrs.,** Ernest L. H. Meyer, Supt., Glens Falls, N.Y. (Corp. M. Oct. '18)

**Glidden, A. Leland,** Pres., New Canaan Water Co., New Canaan, Conn. (July '35)

**Glover, W. Wayne,** Asst. Chief Engr., Simplex Valve & Meter Co., 1027 Bon Air Ave., Manoa, U.D., Pa. (Jan. '42)

**Glynn, W. J.,** 98 Frazier St., Brockport, N.Y. (July '35)

**Godet, Henry,** Office Mgr., Water Dept., City Hall, East Orange, N.J. (Affil. Oct. '38)

**Godwin, George H.,** Mgr., Water Dept., Box 1066, Decatur, Ala. (Apr. '36)

**Goehring, Edwin C.,** Chem. Engr., Beaver Falls Munic. Authority, 1112—3rd Ave., New Brighton, Pa. (Apr. '39)

**Goetz, John A.,** Supt., Water Dept., Mattoon, Ill. (Apr. '38)

**Goff, M. H.,** *see* Milford Water Co.

**Goff, William A.,** Cons. Engr., Broad Street Station Bldg., 16th & Pennsylvania Blvd., Philadelphia, Pa. (July '37)

**Goit, Laurance E.,** Engr. in Charge of Water Distr. System, 410 Ducommun St., Los Angeles, Calif. (Oct. '34) *Goodell Prize '37.*

**Golden, A. T.,** Water Treatment Plant Operator, Dept. of Water & Power, 5837—7th Ave., Los Angeles, Calif. (Apr. '33)

**Golden, George,** Supt., 30 Gerald Ave., Highland Park, Mich. (Jan. '38)

**Golden-Anderson Valve Specialty Co.,** J. A. Voland, Gen. Mgr., 1315 Fulton Bldg., Pittsburgh, Pa. (Assoc. M. Oct. '34)

**Goldenberg, Charles N.,** Cons. Engr., Santa Fe, N.M. (Sept. '40)

**Goldsmith, Clarence,** National Board of Fire Underwriters, 222 W. Adams St., Chicago, Ill. (Dec. '15)

**Goldsworthy, C. M.,** Auditor, California Water & Telephone Co., 439 Tyler St., Monterey, Calif. (Oct. '38)

**Gooch, E. W.,** Water Comr., Water Dept., City Hall, Bellingham, Wash. (Affil. Apr. '40)

**Gooch, W. T.,** Prof. of Chem., Baylor Univ., & Chemist, Waco City Water Works, 808 Speight Ave., Waco, Tex. (Apr. '25)

**Good, Timothy W.,** Supt., Water Works, Cambridge, Mass. (Feb. '20)

**Goodell, J. E.,** Chemist, Old City Hall Bldg., Lancaster, Pa. (Apr. '24)

**Gooding, Gerald J.,** 77 Hamilton Ave., New Rochelle, N.Y. (June '30)

**Goodman, Adolph E.,** Assoc. Engr., Bureau of Water Supply, 120 Sage Ave., Akron, Ohio (Apr. '39)

**Goodspeed, Richard C.,** Pres. & Gen. Mgr., East Pasadena Water Co., Ltd., 1715 Fair Oaks Ave., South Pasadena, Calif. (July '37)

**Goodwin, James W.,** Cons. Engr., J. W. Goodwin Engineering Co., 1244 Martin Bldg., Birmingham, Ala. (Jan. '40)

**Goodwin, P. A.,** *see* Bristol, Va., City of

**Gordon, F. G.,** 6437 Woodlawn Ave., Chicago, Ill. (June '21)

**Gordon, Fred F.,** Cons. Engr., 1200 Park Ave., Rochester, N.Y. (July '35)

**Gordon, J. B.,** *see* District of Columbia Water Dept.

**Gordon, J. G.,** *see* Layne & Bowler, Inc.

**Gordon, Jack,** Supt., Rochester Water Dept., Rochester, Ind. (Oct. '39)

**Gordon, Murray L.,** Town Engr., Box 95, Truro, N.S., Can. (Jan. '37)

**Gorman, Arthur E.,** Asst. City Engr., 1006 City Hall, Chicago, Ill. (Mar. '24) *Diven Medal '27.*

**Gorman, Richard C., Jr.,** 44 Genesee St., Hornell, N.Y. (May '29)

**Gosney, B. C.,** Supt., City Water Dept., Auburn, Wash. (July '38)

**Gotaas, Harold B.,** Prof. of San. Eng., Univ. of North Carolina, Chapel Hill, N.C. (Jan. '38)

**Göteborgs Vattenledningsverk,** P. G. Blidberg, Director, Göteborg, Sweden (Corp. M. Jan. '38)

**Goudey, Ray F.,** San. Engr., Dept. of Water & Power, Box 3669 Terminal Annex, Los Angeles, Calif. (Apr. '18) *Fuller Award '40. Goodell Prize '42.*

**Gouger, M. M.,** Vice-Pres. & Gen. Mgr., East Bethlehem Water Co., Donora, Pa. (July '39)

**Gouin, Paul,** Supt. of Filtration Plant, 28 Martin St., Dorval, Que., Can. (Apr. '41)

**Gould, Harry W.,** Supt., Pumping Station, Water Works Park, Detroit, Mich. (Jan. '30)

**Grabb, George W.,** Water Works Supt., Chesley, Ont., Can. (Mar. '32)

**Grady, Robert H.,** 1305 Colonial Rd., Raleigh, N.C. (Jan. '40)

**Graf, August V.,** Chief Chem. Engr., Water Purif. Plants, Howard Bend Station, Chesterfield, Mo. (June '14) *Fuller Award '40.*

**Graf, Robert,** Dist. Repr., Calgon, Inc., 2512 Book Tower, Detroit, Mich. (Apr. '41)

**Graham, D. W.,** Chief Chemist, Bureau of Water Works & Supply, Box 3669 Terminal Annex, Los Angeles, Calif. (Jan. '38)

**Graham, R. E.,** *see* Galesburg Water Dept.

**Gram, A. L.,** Exec. Secy., Metropolitan Water Dist. of Southern California, 1870 Los Robles Ave., San Marino, Calif. (Jan. '37)

**Gran, John E.,** School of Chem., Univ. of Alabama, University, Ala. (Apr. '38)

**Grand Rapids Water Dept.,** Peter A. Kammeraad, City Mgr., Grand Rapids, Mich. (Corp. M. Feb. '13)

**Granda y Deben, Robel,** San. Engr., Public Health Service, Estrada Palama 214 esq. a Concejal Veiga, Vibora, Havana, Cuba (July '38)

**Grant, Burton S.,** Engr., Los Angeles Aqueduct, Dept. of Water & Power, Box 3669 Terminal Annex, Los Angeles, Calif. (Oct. '34)

**Grant, S. L.,** Supt., Water & Sewer Dept., Winchester, Va. (July '35)

**Grant, W. K.,** Munic. Engr., Louisiana Fire Prevention Bureau, 609 Canal Bank Bldg., New Orleans, La. (May '25)

**Grantham, Andrew S.,** Supt., Water Dept., Dobbs Ferry Rd., White Plains, N.Y. (Jan. '38)

**Grassie, Charles Andrew,** Town Engr., Port Colborne, Ont., Can. (July '41)

**Graves, Quintin B.,** Instructor in Civ. Eng., College of Eng., Univ. of Texas, Austin, Tex. (Apr. '39)

**Gray Chemical Co., The,** E. W. Herr, Sales Mgr., Roulette, Pa. (Assoc. M. Apr. '40)

**Gray, H. M.,** Box 127, Plymouth, N.C. (Affil. Jan. '39)

**Gray, Harold Farnsworth,** San. & Hydr. Engr., 2540 Benvenue St., Berkeley, Calif. (Aug. '33)

**Gray, J. E.,** *see* Mueller Brass Co.

**Gray, John S.,** Overseer of Conduit Lines & Reservoir, D.P.W., Water Div., Rush, N.Y. (July '40)

**Gray, Joseph P.,** Chemist, Castanea Paper Co., Box 42, Johnsonburg, Pa. (Jan. '41)

**Gray, Maxim T.,** Hagey & Gray Engineering Co., Box 134, Fort Erie, Ont., Can. (Apr. '38)

**Gray, Samuel,** Water Registrar, Montvale, N.J. (Oct. '35)

**Grayson, L. W.,** Asst. Supt. & Engr., City Munic. Water Dept., 3854 Mulberry St., Riverside, Calif. (Oct. '37)

**Great Falls, City of,** Ed Henen, City Engr., Great Falls, Mont. (Corp. M. Jan. '25)

**Great Western Div.,** Dow Chemical Co., J. F. Smith, Sales Mgr., 310 Sansome St., San Francisco, Calif. (Assoc. M. July '41)

**Greco, A. J.,** Supt., Riverton & Palmyra Water Co., 1 Morgan Ave., Palmyra, N.J. (Affil. Jan. '39)

**Greeley, City of,** Roy E. Seaman, Water Supt., Greeley, Colo. (Corp. M. Apr. '26)

**Greeley, Samuel A.,** Greeley & Hansen, 6 N. Michigan Ave., Chicago, Ill. (July '07)

**Green Bay Water Dept.,** Harold L. Londo, Supt., Green Bay, Wis. (Corp. M. Nov. '14)

**Green, Carl E.,** Cons. Engr., John W. Cunningham & Assoc., 1112 Spalding Bldg., Portland, Ore. (July '31)

**Green, Charles B.,** Supt., Florence Township Water Works, 410 W. Front St., Florence, N.J. (Apr. '39)

**Green, E. W.,** Vice-Pres. & Treas., San Jose Water Works, 374 W. Santa Clara St., San Jose, Calif. (Oct. '25)

**Green, Harvey T.,** Asst. Civ. Engr. Bureau of Water Supply, 5318 Plymouth Rd., Baltimore, Md. (Jan. '40)

**Green, Howard R.,** Cons. Engr., H. R. Green Co., Bever Bldg., Cedar Rapids, Iowa (Jan. '41)

**Green, Nelson B.,** Sales Mgr., Detroit Chemical Works, 125 S. Junction Ave., Detroit, Mich. (Jan. '38)

**Green, Richard S.,** San. Engr., Kitsap County Health Dept., Bremerton, Wash. (Jan. '42)

**Green, Samuel A.,** Chief Engr., Baltimore County Metropolitan Dist., 205 E. Joppa Rd., Towson, Md. (Jan. '42)

**Green, Sterling S.,** Jr. Civ. Engr., Bureau of Water Works & Supply, Box 3669 Terminal Annex, Los Angeles, Calif. (Jan. '39)

**Green, T. C.,** City Filtration Plant, Austin, Tex. (Apr. '25)

**Greenberg, Stuart N.,** *see* Greenberg's, M., Sons

**Greenberg's, M., Sons,** Stuart N. Greenberg, 765 Folsom St., San Francisco, Calif. (Assoc. M. Sept. '24)

**Greenfield, R. E.,** Chemist, A. E. Staley Mfg. Co., Decatur, Ill. (Feb. '17)

**Greenlee, J. L.,** Asst. Supt., Munic. Water Dept., Charlotte, N.C. (June '26)

**Greenwood, Paul,** Chief Engr., Water Works, Moorestown, N.J. (Oct. '38)

**Greer, Willard N.,** Chem. Engr., Leeds & Northrup Co., 4901 Stenton Ave., Philadelphia, Pa. (Apr. '26)

**Gregory, R. S.,** Supt., Munic. Water Dept., City Hall, Trinidad, Colo. (Jan. '40)

**Gregory, Robert W.,** Foreman of Filter Plant, Proximity Print Works, 1518 Upland Drive, Greensboro, N.C. (Apr. '39)

**Griffey, H. A.,** Supt., Water Dept., City Hall, Janesville, Wis. (June '20)

**Griffin, Attmore E.,** San. Engr., Wallace & Tiernan Co., Inc., Pompton Plains, N.J. (May '30)

**Griffin Chemical Co.,** Richard G. Shaler, 1000—16th St., San Francisco, Calif. (Assoc. M. Oct. '38)

**Griffin Light, Water & Sewerage Dept.,** H. P. Powell, Griffin, Ga. (Corp. M. Feb. '24)

**Griffith, D. H.,** *see* Inglewood Water Dept.

**Griffiths, James G.,** Supt., Kensington Water Co., Box 143, New Kensington, Pa. (Oct. '24)

**Grime, Edwin M.,** Engr. of Water Service, Northern Pacific Ry., St. Paul, Minn. (July '26)

**Grimmer, Allan K.,** Town Engr., Canadian International Paper Co., Temiskaming, Que., Can. (June '20)

**Grinnell Co., Inc.,** S. O. Thorne, Branch Mgr., Box 2727, Charlotte, N.C. (Assoc. M. May '23)

**Grippen, Earl J.,** *see* Endicott Water Works Co.

**Griswold, Harold W.,** Deputy Mgr. & Deputy Chief Engr., Water Bureau of Metropolitan Dist., 1026 Main St., Hartford, Conn. (Mar. '33)

**Griswold, Lawrence J.,** Engr., Board of Water Supply, 712 Washington St., Utica, N.Y. (Mar. '33)

**Grodin, Bernard,** 1103 Knox Ave., N., Minneapolis, Minn. (Apr. '39)

**Groner, E. C.,** Installation Engr., Sloan Valve Co., 4300 W. Lake St., Chicago, Ill. (Oct. '23)

**Grooms, James W.,** Supt. of Water, 90 Lincoln Ave., Saratoga Springs, N.Y. (Jan. '36)

**Gross, Dwight D.,** Chief Engr., Board of Water Comrs., Box 629, Denver, Colo. (July '25)

**Grossman, Frank,** Sales Repr., Glamorgan Pipe & Foundry Co., 122 S. Michigan Ave., Chicago, Ill. (Mar. '34)

**Grossman, Max,** Asst. Supt. & Engr., 3809 Ventor Ave., Atlantic City, N.J. (Oct. '40)

**Grotz, William H.,** Asst. Engr.-Constr., Div. of Water, Porter Ave. Pumping Station, Buffalo, N.Y. (June '21)

**Grove, Herbert S.,** Engr. & Supt., Board of Water Comrs., 20 N. 3rd St., Stillwater, Minn. (Oct. '37)

**Groves, J. N.,** Supt., Water Works, Canton, Ga. (May '30)

**Grubb, Elmer K.,** Mgr., Pottstown Gas & Water Co., R.D. 3, Pottstown, Pa. (Jan. '37)

**Gruetzmacher, Clarence S.,** Engr. of Distr., Milwaukee Water Works, 401 City Hall, Milwaukee, Wis. (June '20)

**Grush, Delbert I.,** Asst. Supt. of Power, Anaconda Copper Mining Co., Anaconda, Mont. (Apr. '41)

**Guatemala City, Cia del Agua del Mariscal, S.A.,** Otto Roberto Dorion, Commercial & Technical Mgr., Guatemala City, Guatemala (Corp. M. Jan. '36)

**Guelph, City of,** H. S. Nicklin, City Engr., City Hall, Guelph, Ont., Can. (Corp. M. Mar. '24)

**Guenther, C. E.,** *see* Salem Water Com.

**Guerrero, Luis Lobo,** San. & Civ. Engr., Apdo. No. 409, Bogota, Colombia (Jan. '35)

**Gulden, Horace B.,** Mgr., State College Water Works, Alpha Fire Hall, State College, Pa. (Jan. '40)

**Gulf States Utilities Co.,** Thos. E. Crossman, Supt. of Production, Box 2431, Louisiana Station, Baton Rouge, La. (Corp. M. Apr. '10)

**Gullo, S. J.,** Bottlers' Service Dept., The Coca-Cola Co., 310 North Ave., N.W., Drawer 1734, Atlanta, Ga. (Jan. '42)

**Gunderson, N. E.,** Pres., Layne-Northern Co., Mishawaka, Ind. (July '37)

**Gunter, Herman,** State Geologist, Box 495, Tallahassee, Fla. (May '28)

**Gurley, W. & L. E.,** H. M. Dibert, 514 Fulton St., Troy, N.Y. (Assoc. M. Apr. '19)

**Guthrie, John T.,** Mgr.-Pres., Signal Mt. Estates, Inc., Signal Mt., Tenn. (Apr. '37)

**Gutierrez, Andrew,** Chemist, City of Durham, 110 Mallette St., Chapel Hill, N.C. (Oct. '41)

**Gutsch, A. C.,** Supt., City Water Works, Washington, Ind. (Jan. '39)

**Gutting, L. A.,** Mgr., Public Service Co. of Indiana, Shelbyville, Ind. (Jan. '38)

**Guttridge, T. F.,** Mgr., Port Stanley Water Works Dept., Port Stanley, Ont., Can. (Apr. '41)

**Haas, Frank S.,** Secy., City Water Works, Council Bluffs, Iowa (July '35)

**Haas, S. G. Frank,** Technical Engr., Sewerage & Water Board, New Orleans, La. (Oct. '33)

**Haberer, H. N.,** *see* Adirondack Water Works

**Hablik, Frank J.,** Prin. Draftsman, Bureau of Water Supply, 1316 Crofton Rd., Baltimore, Md. (Jan. '42)

**Haddonfield Borough Water Dept.,** J. Ross Logan, Clerk, Borough of Haddonfield, N.J. (Corp. M. Apr. '40)

**Hadley, Henry,** City Engr., City Hall, Verdun, Que., Can. (Apr. '41)

**Haering David W.,** 205 W. Wacker Drive, Chicago, Ill. (Apr. '36)

**Hagar, Major C.,** Supt., Boonville Water Dept., Box 178, Boonville, Mo. (Apr. '39)

**Hagginbothom, Wm. K.,** Water Supt., 422 Main St., Catskill, N.Y. (Apr. '41)

**Haggott, Ben,** Pres. & Mgr., Palos Verdes Water Co., Palos Verdes Estates, Calif. (Jan. '41)

**Hagins, C. E.,** Asst. to Gen. Mgr., Water Dept., 805 Franklin St., Johnstown, Pa. (Sept. '26)

**Hahn, Harry J.,** Water Works Supt., Grafton, Ohio (Affil. Jan. '40)

**Hail, J. J.,** Supt., Water Dept., City Hall, Dubuque, Iowa (Oct. '38)

**Hainstock, H. N.,** Western Repr., International Water Supply, Ltd., 2136 Robinson St., Regina, Sask., Can. (Apr. '41)

**Haiss, Carl E. J.,** San. Engr., Water Power & Control Com., 651 State Office Bldg., 80 Center St., New York, N.Y. (Oct. '37)

**Hale, Frank E.,** Director of Labs., Mt. Prospect Lab., 355 Park Pl., Brooklyn, N.Y. (May '08) *Goodell Prize '35.*

**Hale, Harrison,** Head of Chem. Dept., Univ. of Arkansas, Fayetteville, Ark. (Jan. '40)

**Hall, George L.,** 2411 N. Charles St., Baltimore, Md. (Oct. '37)

**Hall, H. F.,** Chief Engr., Water Works Dept., Northern Apts., Sarnia, Ont., Can. (June '20)

**Hall, H. G.,** Supt., Public Utilities Com., Ingersol, Ont., Can. (Mar. '23)

**Hall, Harry A.,** Supt., Water & Light Plant, 1510 A Ave., New Castle, Ind. (Jan. '41)

**Hall, Harry R.,** Chief Engr., Washington Suburban Sanitary Dist., Hyattsville, Md. (May '15)

**Hall, John D.,** Supt. of Water Dept., Drawer 149, Waverly, N.Y. (Oct. '37)

**Hall, John W.,** Mgr., Western Pipe & Steel Co., 1815 Cherry Ave., Fresno, Calif. (July '41)

**Hall, John W.,** Fort Shaw, Mont. (May '25)

**Hall, L. A.,** *see* Plumb, D. S., Co., Inc.

**Hall, L. Standish,** Hydr. Engr., East Bay Munic. Utility Dist., 512—16th St., Oakland, Calif. (July '33)

**Hall, Ralph E.,** Town Chemist, Mooresville, N.C. (Oct. '41)

**Hall, Richard F.,** Supt., West Virginia Water Service Co., East Rainelle, W.Va. (Affil. Jan. '39)

**Hall, Rodney D.,** Mgr., Water Works Div., Worthington Pump & Machinery Corp., Harrison, N.J. (Oct. '34)

**Hall, Roland B.,** Burford, Hall, Smith, Contractors, 705 Myrtle St., N.E., Atlanta, Ga. (Sept. '25)

**Hall, W. H.,** Dean of Eng., Duke Univ., College Station, Durham, N.C. (Jan. '30)

**Hall, Willis,** *see* Ellensburg Water Dept.

**Hallam, G. C.,** Water Supt., Box 447, Orofino, Idaho (June '33)

**Hallam, James P.,** Chief Engr., Manchester Corp. Water Works, Town Hall, Manchester, England (July '39)

**Hallgren, E. N.,** Dist. Mgr., Rensselaer Valve Co., 1252 First Ave., S., Seattle, Wash. (Dec. '29)

**Halloway, E. L.,** *see* Flint Water Dept.

**Halpin, Henry E.,** Fire Protection Engr., Inspection Dept., Factory Mutual Fire Insurance Cos., 184 High St., Boston, Mass. (Jan. '30)

**Hälsingborg City Water Dept.,** Georg Hentz, Chief Engr., Vattenverket, Hälsingborg, Sweden (Corp. M. Jan. '38)

**Ham, John,** Water Mgr., Brisbane Water Co., Brisbane, Calif. (Oct. '38)

**Hamilton, Bruce,** Mgr., Hamilton Heath Water Co., 25 Hamilton Heath, Tampa, Fla. (Jan. '36) ★

**Hamilton, Louis H.,** Secy. & Gen. Mgr., Walnut Park Mutual Water Co., 7216 S. Seville Ave., Huntington Park, Calif. (July '36)

**Hamler, Bruce,** Supt. of Water Works, City Hall, Rome, Ga. (Apr. '40)

**Hamlin, G. W.,** Acting Comr. of Water & Heat, Cleveland Water Dept., 104 City Hall, Cleveland, Ohio (July '40)

**Hammel, C. W.,** Water Plant Operator, Sistersville Water Works, 213 Railroad Ave., Sistersville, W.Va. (Affil. Jan. '39)

**Hammerschmidt, E. G.,** Chief Chemist, Texoma Natural Gas Co., Fritch, Tex. (Jan. '39)

**Hammes, J. Allan,** *see* Sheboygan Board of Water Comrs.

**Hampton, L. B.,** Dist. Mgr., Crane Co., Box 3617, Portland, Ore. (July '40)

**Hancock, J. Harold,** Munic. Engr., Southeastern Underwriters Assn., 317 Trust Company of Georgia Bldg., Atlanta, Ga. (Jan. '41)

**Handorf, Everett C.,** 733 S. 44th St., Louisville, Ky. (July '35) ★

**Hanes, J. C.,** Asst. Prof. of Civ. Eng., Virginia Military Institute, 5 University Pl., Lexington, Va. (July '39)

**Haney, Paul D.,** 2 Marvin Hall, Univ. of Kansas, Lawrence, Kan. (Jan. '39)

**Hanks, C. W.,** Supt., Water Works Constr., 1720 California St., Denver, Colo. (Aug. '33)

**Hanks, Fred W.,** *see* Hanks, Fred W., Co.

**Hanks, Fred W., Co.,** Fred W. Hanks, Mgr., 10624 St. Clair Ave., Cleveland, Ohio (Assoc. M. June '26)

**Hanks, O. P.,** Sales Repr., Hersey Mfg. Co., Box 113, Trenton, N.J. (Oct. '35)

**Hanlon, T. W., Jr.,** Southwestern Sales Agent, U.S. Pipe & Foundry Co., 1204 Praetorian Bldg., Dallas, Tex. (Oct. '39)

**Hanna, David McLean,** Supt. of Distr., 1121 Pelissier St., Windsor, Ont., Can. (June '20)

**Hanna, John E.,** Supt., Water Works, 202 E. Market St., Cadiz, Ohio (Jan. '40)

**Hanna, R. B.,** Supt., Public Utilities Com., Listowel, Ont., Can. (Jan. '31)

**Hanning, T. L.,** Pres., Steel Tank & Pipe Co. of Oregon, Box 1898 Station F, Portland, Ore. (Oct. '39)

**Hannum, V. W.,** Supt., Water Dept., 518 S. Los Angeles St., Anaheim, Calif. (July '35)

**Hansell, Wm. A.,** Asst. Chief of Constr., City Hall, Atlanta, Ga. (Oct. '33)

**Hansen, A. H.,** *see* Hibbing Water, Light, Power & Building Com.

**Hansen, Paul,** Greeley & Hansen, 6 N. Michigan Ave., Chicago, Ill. (June '12)

**Hanson, Adellon F.,** 3960 Walnut St., Riverside, Calif. (Jr. M. Jan. '41) ★

**Hanson, Arthur,** *see* Neenah City Water Works

**Hanson, Harold A.,** Box 99, Grand Rapids, Minn. (July '35)

**Hanson, Richard,** Supervisor of Services & Meters, Bureau of Water Supply, 565 Johnston St., Akron, Ohio (Affil. Jan. '41)

**Hapgood, Frederic H.,** Hydr. Engr., 8538—168th Pl., Jamaica, N.Y. (Jan. '39)

**Hapgood, Joseph C.,** Inspector, Warren Water Dept., 344 Oak Knoll, S.E., Warren, Ohio (Oct. '35)

**Hardesty, J. Paul,** Asst. Supt., Board of Trustees of Public Affairs, 215 S. Marietta St., St. Clairsville, Ohio (Apr. '40)

**Hardin, Eugene A.,** Engr. of Design, Bureau of Water, 242 Chestnut Street Pier, Philadelphia, Pa. (Nov. '25)

**Harding, Fred W.,** Plant Supt., Okemah Water Works, R. No. 4, Okemah, Okla. (Apr. '36)

**Harding, James C.,** Comr. of Public Works, County Office Bldg., White Plains, N.Y. (June '22)

**Harding, Robert W.,** Pres. Bexar County Water Co., South San Antonio, Tex. (Oct. '35)

**Hardman, Thomas T.,** Cons. Engr., 2100 S. Center St., Terre Haute, Ind. (July '40)

**Hare, J. M.,** Mgr. & Supt., Public Utilities Com., Port Dalhousie, Ont., Can. (Apr. '42)

**Hargett, A. E.,** Ford Meter Box Co., Box 624, Bowling Green, Ky. (Mar. '29)

**Harkness, Bruce,** *see* Tate Pipelinings, Inc.

**Harlamert, Paul A.,** 1530 Builders Exchange Bldg., Cleveland, Ohio (July '35)

**Harlan Munic. Water Works,** C. S. Layson, Supt., Harlan, Ky. (Corp. M. Apr. '38)

**Harland, Robert O.,** Acct., Fresno City Water Dept., Box 512, Fresno, Calif. (Oct. '38)

**Harley, Frank E.,** Civ. Engr., Fairlawn-Radburn Trust Company Bldg., Fairlawn, N.J. (Jan. '36)

**Harlock, C. R.,** Sr. Officer Specialist, U.S. Dept. of Justice, Lock Box 250, Steilacoom, Wash. (July '38)

**Harman, W. B.,** Auditor, Newport News Water Works Com., Newport News, Va. (July '34)

**Harmon, Burt,** Hydr. Engr., Water Dept., 400 Public Utilities Bldg., Long Beach, Calif. (Oct. '32)

**Harmon, Judson A.,** San. Engr., State Dept. of Health, State Bldg., Los Angeles, Calif. (Sept. '31)

**Harmonay, Michael J.,** Supt., Bureau of Water, City Hall, Yonkers, N.Y. (Aug. '32)

**Harness, A. C.,** Town Clerk & Water Supt., Brush, Colo. (Oct. '37)

**Harnish, C. P.,** Exec. Vice-Pres., Southern California Water Co., 950 Bendix Bldg., 1206 S. Maple Ave., Los Angeles, Calif. (Aug. '29)

**Harper, L. E.,** Secy., Omega Machine Co., 4010 Penn Ave., Kansas City, Mo. (July '37)

**Harragin, H. C.,** *see* Bird-Archer Co., Ltd.

**Harriger, Howard B.,** Supt., Coraopolis Water Dept., 616 School St., Coraopolis, Pa. (Apr. '41)

**Harrington, John B.,** Director, Div. of San. Eng., State Dept. of Health, Charleston, W.Va. (July '38) *Fuller Award '41. Director '41–'43.*

**Harrington, John H.,** Chemist, Montreal Filtration Works, 3355 Joseph St., Verdun, Que., Can. (Jan. '37)

**Harris, H. H.,** Engr. & Water Supt., Palisades Del Rey Water Co., 427 Moscow St., Venice, Calif. (Oct. '38)

**Harris, Howard A.,** Asst. Engr., California Water Service Co., Box 1150, San Jose, Calif. (Aug. '27)

**Harris, J. S.,** Filter Plant Operator, Atlanta Water Works, 1210 Hemphill Ave., N.W., Atlanta, Ga. (Affil. Jan. '41)

**Harris, John P.,** Industrial Chemical Sales Div., 35 E. Wacker Drive, Chicago, Ill. (Oct. '33)

**Harris, R. C.,** Comr. of Works, City Hall, Toronto, Ont., Can. (Jan. '41) *Honorary M. '41.*

**Harris, Robert R.,** 3324 Robin Rd., Louisville, Ky. (Jan. '36)

**Harris, Roy M.,** Chief, Div. of Public Health Eng., State Dept. of Health, 8008—33rd St., N.W., Seattle, Wash. (Jan. '35) ★

**Harris, Shirley W.,** Mgr., Chicago Office, McWane Cast Iron Pipe Co., 333 N. Michigan Ave., Chicago, Ill. (Feb. '27)

**Harris, W. L.,** Chemist, Filtration Plant, 485 Marywood Drive, N.E., Grand Rapids, Mich. (July '40)

**Harrison, James,** Water Works Chief Operator, Peterborough Utilities, R.R. No. 4, Peterborough, Ont., Can. (Jan. '41)

**Harrison, Louis B.,** Supt. of Filtration, Bay City Water Works Dept., Bay City, Mich. (Feb. '31)

**Harrison, Ronald,** *see* Scarborough Public Utilities Com.

**Harritt, Chester,** Chief Engr. & Gen. Mgr., La Mesa, Lemon Grove & Spring Valley Irrigation Dist., 4769 Spring St., La Mesa, Calif. (Oct. '37)

**Harstad, Howard T.,** San. Engr., Pierce County Health Dept., 505 Courthouse, Tacoma, Wash. (Jan. '42) ★

**Hartmann, F. W.,** Pittsburgh Equitable Meter Co., 1455 W. Congress St., Chicago, Ill. (July '25)

**Hartmann, John A.,** *see* Trenton Water Works

**Hartsook, L. P.,** Ashland, Va. (Jan. '37)

**Hartung, H. O.,** Chemist, St. Louis County Water Co., 6600 Delmar Blvd., University City, St. Louis, Mo. (July '38)

**Harvey, Lee,** Supt. & Chief Operator, Water Works Dept., 236 Liberty St., Conneaut, Ohio (Jan. '40)

**Harvill, Clyde R.,** San. Engr., Water Dept., 701 City Hall, Houston, Tex. Apr. '41)

**Hasbrouck, Philip B.,** Engr., Fontana Domestic Water Co., Box 294, Fontana, Calif. (May '30)

**Haskew, George M.,** Engr. & Supt., Plainfield-Union Water Co., 26 E. Broad St., Westfield, N.J. (July '29)

**Haskins, Charles A.,** Cons. Engr., 517 Finance Bldg., Kansas City, Mo. (June '14)

**Hasselgren, R. E.,** Supt., Water Filtration Plant, Folsom Prison, Box 228, Represa, Calif. (Affil. Jan. '42) ★

**Hassler, John W.,** Director of Research, Industrial Chemical Sales Div., 4 Hillcrest, Tyrone, Pa. (Jan. '37)

**Hastings Board of Public Works,** Andrews S. Reiff, Water & Light Dept., Hastings, Neb. (Corp. M. Jan. '36)

**Hatch, Aram H.,** Box 793, Balboa, Canal Zone (Aug. '27)

**Hatcher, Melvin Pross,** Chief Engr. & Supt., Water Dept., City Hall, Kansas City, Mo. (July '40)

**Hatfield, William Durrell,** Sewage Disposal Plant, Sanitary Dist. of Decatur, Decatur, Ill. (Jan. '17)

**Hauck, G. W.,** Mgr. of Eng. Sales, Crane Co., 836 S. Michigan Ave., Chicago, Ill. (Jan. '42)

**Hauer, Gerald E.,** Technical Service, General Chemical Co., 105 W. Madison St., Chicago, Ill. (July '41)

**Hausmann, A. R.,** Asst. Pacific Coast Mgr., U.S. Pipe & Foundry Co., 681 Market St., San Francisco, Calif. (Aug. '33)

**Havens, William L.,** Havens & Emerson, Leader Bldg., Cleveland, Ohio (June '26)

**Havill, Harold T.,** Civ. Engr., White Plains State Rd., Box 323, Valhalla, N.Y. (June '02)

**Havre Water Dept.,** Charles Wells, City Engr., City Hall, Havre, Mont. (Corp. M. Jan. '42)

**Hawaiian Pineapple Co., Ltd.,** E. F. Cornell, Asst. Plant Mgr., Honolulu, T.H. (Corp. M. Apr. '38)

**Hawken, Frank S.,** Sr. Chem. Engr., 3954 Greer Ave., St. Louis, Mo. (Jan. '35)

**Hawkins, J. L.,** Supt., City Water Works, Greenville, S.C. (Jan. '36)

**Hawley, W. R.,** Mayor & Chairman of Board, Village Water Dept., Webster, N.Y. (Jan. '42)

**Hawthorne Munic. Water Works,** Hawthorne, Calif. (Corp. M. Jan. '42)

**Hayden, Richard,** Chemist, Suburban Water Co., 5 Costello Rd., Verona, Pa. (July '41)

**Haydock, Charles,** Cons. Engr., Commercial Trust Bldg., Philadelphia, Pa. (Feb. '19)

**Hayes, H. W.,** Supt. of Water Works, Lawrenceville, Va. (July '34)

**Hayes, Harry,** Asst. San. Engr., Bureau of Water Works & Supply, Box 3669 Terminal Annex, Los Angeles, Calif. (Feb. '33) *Goodell Prize '37.*

**Hayman, Michael, & Co., Inc.,** Arthur H. Rosenbaum, 856 E. Ferry St., Buffalo, N.Y. (Assoc. M. Oct. '35)

**Haynes, Lawson,** Plant Supt., West Virginia Water Service Co., 2006 Crescent Rd., Charleston, W.Va. (Oct. '39)

**Hays Mfg. Co.,** John D. Clemens, Vice-Pres., 12th & Liberty Sts., Erie, Pa. (Assoc. M. Mar. '82)

**Hays, W. J.,** Resident Engr., Meridian Farms Water Co., Meridian, Sutter County, Calif. (Oct. '39)

**Haytin, John J.,** *see* Helena Water Dept.

**Haywood, R. W., Jr.,** Chemist, Chester Munic. Authority Filter Plant, Front & Fulton Sts., Chester, Pa. (Jan. '37)

**Hazen, John B.,** Engr., Butte Water Co., Butte, Mont. (Apr. '38)

**Hazen, Ray,** Supt., Willapa Valley Water Dist., Menlo, Wash. (Affil. Jan. '40)

**Hazen, Richard,** Assoc. Engr. with Malcolm Pirnie, 25 W. 43rd St., New York, N.Y. (July '37)

**Hazey, George,** Supt. of Filtration, Marine City Filter Plant, Marine City, Mich. (July '41)

**Healdsburg, City of,** Archer B. Stuart, Water Supt., City Hall, Healdsburg, Calif. (Corp. M. Oct. '37)

**Heath, A. E.,** Foreman, City Water Dept., Billings, Mont. (Apr. '40)

**Hechmer, Carl A.,** Dept. Engr., Maint. & Operating Dept., Washington Suburban Sanitary Dist., Hyattsville, Md. (Nov. '19) *Fuller Award '40.*

**Heck, Robert L.,** Supt., Munic. Filter Plant, Pittsburg, Calif. (Oct. '37)

**Heddell, Douglas,** 929 Shevlin Drive, El Cerrito, Calif. (Oct. '33)

**Hedgepeth, L. L.,** Mgr., Technical Service Dept., Pennsylvania Salt Mfg. Co., 1000 Widener Bldg., Philadelphia, Pa. (Aug. '29)

**Hedman, O. F.,** Salesman, Hughes & Co., Box 193, Spokane, Wash. (June '34)

**Heermans, H. C.,** 817 J St., Hoquiam, Wash. (June '86)

**Heffelfinger, Donald D.,** Supervising Chemist, Alliance City Water Works, 498 W. High St., Alliance, Ohio (July '41)

**Heider, Robert W.,** San. Engr., State Board of Health, 1098 W. Michigan St., Indianapolis, Ind. (July '37)

**Heighes, George,** Water Supt., Redmond, Ore. (Affil. Jan. '40)

**Heim, Arthur I.,** *see* Copper & Brass Research Assn.

**Heine, Francis A.,** Chief Engr., Bureau of Water, City Hall, Reading, Pa. (June '31)

**Heiner, Roy,** Water Supt., 612 N. 5th Ave., Sandpoint, Idaho (Affil. Jan. '41)

**Helbig, W. A.,** Asst. Engr., Darco Corp., Sales Div., 60 E. 42nd St., New York, N.Y. (Feb. '30)

**Helena Water Dept.,** John J. Haytin, Mayor, Helena, Mont. (Corp. M. Jan. '37)

**Helland, H. R. F.,** Cons. Engr., Frost National Bank Bldg., San Antonio, Tex. (Jan. '35)

**Helling, Harry A.,** Mgr., Pocantico Div., New Rochelle Water Co., Dobbs Ferry, N.Y. (Jan. '22)

**Hellstrom, Carl I.,** Supt., Water & Light Dept., Geneva, Ill. (Mar. '33)

**Helmreich, L. W.,** Vice-Pres. & Mgr., Capital City Water Co., Box 806, Jefferson City, Mo. (Feb. '27)

**Helwick, Chas. H.,** Gen. Foreman of Distr., Water Dept., Utilities Bldg., Jacksonville, Fla. (Jan. '40)

**Hemborg, Harold B.,** Chief Inspector, Bureau of Water Works & Supply, Box 3669 Terminal Annex, Los Angeles, Calif. (Jan. '41)

**Hemborg, R. E.,** Civ. Engr., Los Angeles Bureau of Water Works & Supply, Vesper Ave. & Aetna St., Van Nuys, Calif. (Apr. '37)

**Hempstead, Inc. Village of,** W. L. King, Chief Operator, Munic. Water Plant, 318 Fulton Ave., Hempstead, N.Y. (Corp. M. Jan. '40)

**Henderlite, James H.,** Filtration Plant, Douglasdale Rd., Richmond, Va. (Jan. '36)

**Henderson, Angus D.,** Transitman, 210–07—29th Ave., Bayside, N.Y. (Jan. '37)

**Henderson, Charles R.,** 1 University Pl., New York, N.Y. (June '01) *Vice-Pres. '08, '13. Exec. Com. '09–'12, '20–'21. Trustee '14–'16. President '19. Honorary M. '36.*

**Henderson, Paul C.,** State Health Dept., Oklahoma City, Okla. (Oct. '40)

**Henderson Water Works,** Henry T. Powell, Mgr., 108 Young St., Henderson, N.C. (Corp. M. Jan. '42)

**Hendricks, E. P.,** Supt., Water & Light Dept., Cairo, Ga. (Apr. '41)

**Hendricks, R. W.,** Engr., Hydr. Dept., Underwriters Labs., 207 E. Ohio St., Chicago, Ill. (Apr. '23)

**Hendrickson, Geo. L.,** Asst. Mng. Engr., Bureau of Water, City-County Bldg., Pittsburgh, Pa. (Mar. '31)

**Hendrie & Bolthoff Mfg. & Supply Co.,** James S. Smith, 1635 Seventeenth St., Denver, Colo. (Assoc. M. Mar. '26)

**Hendrix, Dave A.,** Local Mgr., California Water Service Co., Box 949, Petaluma, Calif. (Oct. '39)

**Hendrix, Thomas L., Jr.,** Asst. Chemist, Chesapeake & Ohio Ry. Co., 104 W. 2nd St., Peru, Ind. (Apr. '40)

**Henen, Ed,** *see* Great Falls, City of

**Henke, Roland,** Supt., Water Works, 7300 Blanchard St., Wauwatosa, Wis. (Jan. '35)

**Henley, M. E.,** Sales Engr., Wallace & Tiernan Co., Inc., 482 Seminole Ave., N.E., Atlanta, Ga. (July '39)

**Henning, Edwin C.,** *see* Evansville Water Works Dept.

**Henning, H. Clay,** Engr.-in-Charge, Operating Sec., St. Louis Water Div., 1640 S. Kingshighway, St. Louis, Mo. (Feb. '30)

**Hennings, John P.,** Engr., Shenango Valley Water Co., Sharon, Pa. (Oct. '41)

**Henry, Clarence R.,** Water Treatment Technician, Munic. Water Works, 2386 S.W. 5th St., Miami, Fla. (Apr. '40) ★

**Henry, Francis William,** Supt., Phelps Water Works, 131 W. Main St., Phelps, N.Y. (Apr. '38)

**Henry, J. Rex,** Dept. of Utilities, 734 N. Park Ave., Fremont, Neb. (Aug. '32)

**Henry, T. B.,** Cons. Engr., 606 Second National Bank Bldg., Toledo, Ohio (Jan. '39)

**Henry, W. Weir,** *see* Revere Copper & Brass, Inc.

**Henshaw, Franklin,** 56 Walworth Ave., Scarsdale, N.Y. (Sept. '20)

**Henthorn, George W.,** Chief Inspector, Bureau of Water Supply, 3711 Yosemite Ave., Baltimore, Md. (Jan. '42)

**Hentz, Georg,** *see* Hälsingborg City Water Dept.

**Herberg, Sanford,** *see* Fire Underwriters Inspection Bureau

**Herbert, E. H.,** Asst. Engr., Div. of Water Supply, Norfolk, Va. (Jan. '38)

**Herniman, E. T.,** *see* Sterling Engine Co.

**Herr, E. W.,** *see* Gray Chemical Co.

**Herr, J. O.,** Mgr., Monmouth Consolidated Water Co., Long Branch, N.J. (June '16)

**Herring, D. J.,** Supt. of Water Dept., Box 120, Parlier, Calif. (July '41)

**Herring, Jos. E.,** Chief Foreman, Water Dept., Utilities Bldg., Jacksonville, Fla. (Jan. '40)

**Herrmann, Frank,** Office Engr. & Designer, Oklahoma City Water Dept., 1913 N.W. 21st St., Oklahoma City, Okla. (Apr. '42)

**Herron, William L.,** 118 Green St., Hudson, N.Y. (Oct. '37)

**Hersey Mfg. Co.,** South Boston, Mass. (Assoc. M. July '87)

**Hersey, T. Schuyler,** Pres., Hersey Inspection Bureau, 4069 Hollis St., Oakland, Calif. (Jan. '40)

**Hertel, J. F.,** Secy.-Treas., Public Utilities Com., 22 Queen St., N., Waterloo, Ont., Can. (Jan. '40)

**Heselden, E. C.,** Supt., Water & Light Dept., Georgetown, S.C. (Oct. '39)

**Hess, Irving C.,** Engr., California Water & Telephone Co., 19 W. 9th St., National City, Calif. (Jan. '41)

**Hetzer, Hugh W.,** Engr., West Virginia Water Service Co., 181 Summers St., Charleston, W.Va. (July '35)

**Hetzer, Mentor,** Moundsville Water Co., 506 Seventh St., Moundsville, W.Va. (Nov. '16) *Director '39–'40.*

**Heubi, Thomas B.,** Supt. of Water Works, 45 Washington Ave., Fredonia, N.Y. (Apr. '30)

**Hewett, Arthur L.,** Supt., Water Dept., 109 N. 27th St., Billings, Mont. (Mar. '32)

**Heyward, T. C.,** Mech. & Elec. Engr., 1408 Independence Bldg., Charlotte, N.C. (June '23)

**Hibbing Water, Light, Power & Building Com.,** A. H. Hansen, Chief Engr., Hibbing, Minn. (Corp. M. July '34)

**Hibbs, A. S.,** 32 W. 2nd St., Chillicothe, Ohio (Sept. '22)

**Hibschle, W. E.,** Supt., Leadville Water Co., 719 Harrison Ave., Leadville, Colo. (Jan. '39)

**Hickcox, R. M.,** Water Supt., Water Shop, Wenatchee, Wash. (Apr. '38)

**Hickey, John A.,** Director of Public Utilities, City Hall, Cleveland, Ohio (Apr. '40)

**Hicklin, Robert G.,** Mgr., Munic. Dept., Robert & Co., Inc., 706 Bona-Allen Bldg., Atlanta, Ga. (Apr. '29)

**Hickory, City of,** R. E. Smyre, Hickory, N.C. (Corp. M. Nov. '33)

**Hicks, A. F.,** *see* Palm Springs Water Co.

**Hicks, W. F.,** City Engr. & Supt. of Water Works, Paris, Tex. (Jan. '35)

**Hicksville Water Dist.,** Frederick R. Davidson, 85 Bethpage Rd., Hicksville, N.Y. (Corp. M. Oct. '34)

**Higburg, William,** *see* Reilly Tar & Chemical Corp.

**Higgins, Roger C.,** Chief Chemist, Chillicothe Munic. Utilities, Chillicothe, Mo. (Jan. '37)

**Highland, Scotland G.,** Secy., Treas., Gen. Mgr. & Sr. Engr., Clarksburg Water Board, Clarksburg, W.Va. (Feb. '13)

**Hileman, H. L.,** Mgr., Cairo Water Co., 618 Commercial Ave., Cairo, Ill. (Jan. '40)

**Hilker, Earl E.,** *see* Smith, S. Morgan, Co.

**Hill, Alfred H.,** Vice-Pres., Francis Hankin & Co., Ltd., 2028 Union Ave., Montreal, Que., Can. (Feb. '33)

**Hill, Frank C.,** Water Supt., 743 N. Nevada, Montrose, Colo. (Jan. '37)

**Hill, H. O.,** *see* Bethlehem Steel Co.

**Hill, Hubbell & Co. Div.,** General Paint Corp., Deming Bronson, Vice-Pres., 3091 Mayfield Rd., Cleveland, Ohio (Assoc. M. Jan. '38)

**Hill, Kenneth V.,** Asst. Engr., Greeley & Hansen, 6 N. Michigan Ave., Chicago, Ill. (Jan. '37)

**Hill, R. F., Jr.,** Asst. Engr., State Board of Health, Raleigh, N.C. (Jan. '37)★

**Hill, Raymond A.,** Cons. Civ. Engr., 1000 Edison Bldg., 601 W. Fifth St., Los Angeles, Calif. (Feb. '32)

**Hill, W. R.,** Cons. Civ. Engr., Parker & Hill, 2021 Smith Tower, Seattle, Wash. (Apr. '39)

**Hills, Robert C.,** Chief Chemist, Freeport Sulphur Co., Port Sulphur, La. (Jan. '41)

**Hillsboro Utilities Com.,** Richard E. Wiley, Supt., City Hall, Hillsboro, Ore. (Corp. M. Jan. '42)

**Hillsborough Water Dept.,** E. P. Wilsey, City Mgr., 705 El Camino Real, Burlingame, Calif. (Corp. M. Apr. '39)

**Hillside Distribution Co.,** R. E. Launer, 2603 E. Whittier Blvd., Whittier, Calif. (Corp. M. Oct. '30)

**Hinds, Julian,** Gen. Mgr. & Chief Engr., Metropolitan Water Dist., 306 W. Third St., Los Angeles, Calif. (May '31)

**Hines, Fred J.,** Gen. Contractor, 2750 Monroe Ave., Rochester, N.Y. (Apr. '40)

**Hinkle, Stacy C.,** Asst. Mgr., Mine & Smelter Supply Co., Denver, Colo. (July '40)

**Hinman, Jack J., Jr.,** Assoc. Prof. of Sanitation, Univ. of Iowa, Box 363, Iowa City, Iowa (Apr. '15) *Trustee '19–21. Vice-Pres. '29. President '30. Director '31.* ★

**Hintgen, H. T.,** Supt., Wahpeton Water Works, City Hall, Wahpeton, N.D. (Jan. '41)

**Hintz, Albert E., Jr.,** Mgr., Water Dept., 8 City Hall, Oshkosh, Wis. (Apr. '30)

**Hinyard, J. N.,** Chem. Engr., Water & Sewerage Dept., El Paso, Tex. (Oct. '38) ★

**Hirn, W. C.,** San. Engr., 532 Michigan Bldg., Detroit, Mich. (Jan. '38)

**Hirsch, A. Adler,** Instructor in Water Purif., State Dept. of Education, Div. of Trade & Industrial Education, 2009 Robert St., New Orleans, La. (Apr. '41)

**Hiskey, D. R.,** Chem. Engr., Dearborn Chemical Co., 310 S. Michigan Ave., Chicago, Ill. (Apr. '42)

**Hitchman, Arthur,** Asst. Supt., Water Distr. Sec., Dept. of Works, 33 Hillsdale Ave., W., Toronto, Ont., Can. (Jan. '29)

**Hitzeroth, Harry,** *see* Tavistock Public Utilities Com.

**Hoad, William Christian,** 2108 Melrose Ave., Ann Arbor, Mich. (June '13)

**Hoag, Edgar D.,** Gen. Foreman, Los Angeles Dept. of Water & Power, 703 S. Main St., Lone Pine, Calif. (Oct. '34)

**Hoag, Geo. F.,** Engr., Suburban Div., New York Fire Insurance Rating Organization, 85 John St., New York, N.Y. (June '20)

**Hoak, Richard D.,** Fellow, Mellon Institute, Pittsburgh, Pa. (Jan. '37)

**Hobbs, J. C.,** Vice-Pres. in Charge of Mfg., Diamond Alkali Co., Box 430, Painesville, Ohio (Apr. '42)

**Hobby, Arthur S.,** Cons. Engr., 1060 Broad St., Newark, N.J. (Jan. '37)

**Hochlerner, Tobias,** Div. Engr., Dept. of Water Supply, Gas & Electricity, 2400 Municipal Bldg., New York, N.Y. (May '30)

**Hodge, W. W.,** Prof., Dept. of Chem. Eng., West Virginia Univ., Morgantown, W.Va. (Jan. '39)

**Hodkinson, Thomas,** Supt. of Water Works, 382 Wortley Rd., London, Ont., Can. (Apr. '13)

**Hoefle, K. F.,** Distr. Engr., Municipal Bldg., Dallas, Tex. (Apr. '40)

**Hoeltzner, Nicholas J.,** *see* Rock Island Water Dept.

**Hoffer, H. A.,** Asst. Gen. Sales Mgr., U.S. Pipe & Foundry Co., General Office, Burlington, N.J. (May '30)

**Hoffman, Floyd A.,** 734 Maury Pl., Norfolk, Va. (July '26)

**Hoffman, Frank A.,** Dist. Supt., Maplewood, Ore. (July '34)

**Hoffman, L. J.,** Office Mgr., City Water Works, 100 Municipal Bldg., Akron, Ohio (Apr. '39)

**Hoffman, M. F.,** Commercial Supt., Dept. of Water Works, 142 City Hall, Cincinnati, Ohio (Oct. '34) *Fuller Award '41.*

**Hogan, John Phillip,** Cons. Engr., Parson, Klapp, Brinckerhoff & Douglas, 142 Maiden Lane, New York, N.Y. (June '20)

**Holaday, K. M.,** Chem. Engr., Anheuser-Busch, Inc., 721 Pestallozzi St., St. Louis, Mo. (Jan. '40)

**Holden, Joseph W.,** Chief Engr., Board of Water Comrs., New Britain, Conn. (July '37)

**Holdrege, Charles F.,** Eng. Dept., Metropolitan Utilities Dist., 18th & Harney Sts., Omaha, Neb. (Oct. '34)

**Holladay, John M.,** Chairman of Water Com., Water Dept., Camden, Tenn. (Jan. '41)

**Holland, Paul L.,** Chief Engr., Public Service Com. of Maryland, 1701 Munsey Bldg., Baltimore, Md. (Mar. '32)

**Holland Water Dist. No. 1,** Clair D. Tanner, Supt. of Water, Holland, N.Y. (Corp. M. Apr. '37)

**Hollander, Harry,** Asst. Engr., Dept. of Water Supply, Gas & Electricity, 2532 Municipal Bldg., New York, N.Y. (May '30)

**Holliday, V. G.,** *see* Cliffs Dow Chemical Co.

**Hollister Water Co.,** A. W. Holsworth, Supt., 314 West, Hollister, Calif. (Corp. M. Nov. '33)

**Holman, E. T.,** Supt., Eng. Dept., Tennessee Inspection Bureau, 1034 Stahlman Bldg., Nashville, Tenn. (Jan. '24)

**Holmes, Joseph A.,** Director of Service, National Aluminate Corp., 6216 W. 66th Pl., Chicago, Ill. (May '26)

**Holmquist, C. A.,** Director, Div. of Sanitation, State Dept. of Health, State Office Bldg., Albany, N.Y. (Apr. '23)

**Holroyd, N. S.,** Prin. Engr., Solomon & Keis, 257 Broadway, Troy, N.Y. (July '41)

**Holst, J. E.,** Supt. & Chemist, Water Dept., City Hall, Mitchell, S.D. (Oct. '38)

**Holste, Alexander,** Drateln & Holste Sucr., 2A V. Carranza 48, Box 438 Mexico City, Mexico (May '34)

**Holsworth, A. W.,** *see* Hollister Water Co.

**Holton, Philip J., Jr.,** *see* Providence Water Supply Board

**Holway, W. R.,** Cons. Hydr. Engr., 302 E. 18th St., Tulsa, Okla. (Feb. '25)

**Holy, William E.,** Mgr., West Virginia Water Service Co., Oak Hill, W.Va. (Affil. July '34)

**Homelite Corp.,** Nelson Thompson, Riverdale Ave., Port Chester, N.Y. (Assoc. M. Apr. '36)

**Hommon, Harry B.,** Sr. San. Engr. in Charge, U.S. Public Health Service, 112 Federal Office Bldg., San Francisco, Calif. (July '21)

**Honolulu Board of Water Supply,** Frederick Ohrt, Mgr., City & County of Honolulu, Box 3347, Honolulu, T.H. (Corp. M. Nov. '30)

**Hooker, Albert H., Jr.,** Hooker Electrochemical Co., Tacoma, Wash. (July '30)

**Hooker Electrochemical Co.,** G. F. Reale, Niagara Falls, N.Y. (Assoc. M. July '20)

**Hooker, L. J.,** Supt. of Water Works, City Bldg., Pine St., Lockport, N.Y. (Mar. '31)

**Hooper, Frederick J.,** Clerk & Treas., Kenora, Ont., Can. (Jan. '37)

**Hoot, Ralph A.,** Filtration Plant, Fort Wayne, Ind. (Mar. '26)

**Hoover, Charles P.,** Chemist, Filtration Plant, Columbus, Ohio (May '13)

**Hoover, Ira M.,** Supt., Montpelier Water Works, Montpelier, Ohio (Apr. '39)

**Hopkin, W. Howard,** Field Repr., Self Liquidating Div., Reconstruction Finance Corp., Lincoln Bank Bldg., Louisville, Ky. (Jan. '40)

**Hopkins, E. W.,** City Engr., City Hall, Salina, Kan. (Jan. '37)

**Hopkins, Edward S.,** Filtration Engr., Montebello Filters, Baltimore, Md. (June '21) ★

**Hopkins, Edwin W.,** 712 Washington St., Utica, N.Y. (Aug. '25)

**Hopkins, O. C.,** P.A. San. Engr., U.S. Public Health Service, 603 B.M.A. Bldg., Kansas City, Mo. (Jan. '37)

**Hopper, Allen O.,** Dist. Mgr., Turbine Equipment Co., 217 East Ave., Rochester, N.Y. (Apr. '37)

**Hopper, Everett S.,** Bottlers' Service Dept., The Coca-Cola Co., 310 North Ave., N.W., Drawer 1734, Atlanta, Ga. (Jan. '42)

**Horan, John J.,** Supt., Delaware River Water Co., Beverly, N.J. (Jan. '30)

**Horandt, Henry,** Mgr., New York Water Service Corp., 2015 Church Ave., Brooklyn, N.Y. (June '29)

**Horn, A. John,** Denton Hills, Huntington, N.Y. (July '39)

**Horne, Ralph W.,** Fay, Spofford & Thorndike, Cons. Engrs., 11 Beacon St., Boston, Mass. (May '28)

**Horner, Charles M.,** Supt., Water Works Co., 1705 State St., East St. Louis, Ill. (June '03)

**Horner, J. L.,** Supt., Water Dept., Henderson, Tex. (Oct. '39)

**Horner, R. H.,** *see* Dixon, Joseph, Crucible Co.

**Hornshaw, James E.,** Asst. Civ. Engr., Dept. of Water Supply, 13376 Hubbell Ave., Detroit, Mich. (July '38)

**Horsington, Earl,** Supt. of Water, Skaneateles, N.Y. (July '35)

**Horstman, Herman G.,** Supt. of Water Distr., Public Service Co. of Indiana, Traction Terminal Bldg., Indianapolis, Ind. (Jan. '37)

**Horstmann, F. B.,** Chem. Engr., 1005 N. Leamington Ave., Chicago, Ill. (June '27)

**Horton, George T.,** *see* Chicago Bridge & Iron Co.

**Horton, Robert E.,** Hydr. Engr., R.D. No. 1, Voorheesville, N.Y. (Jan. '11)

**Horton, Robert K.,** Investigator, Textile Foundation, 101 Dormitory L, Chapel Hill, N.C. (Jr. M. Oct. '40)

**Horton, Theodore,** Sandwich, Cape Cod, Mass. (July '07)

**Hoshall, Robert H.,** Cons. Engr., 65 McCall Pl., Memphis, Tenn. (Apr. '37)

**Hoskins, J. K.,** Sr. San. Engr., U.S. Public Health Service, 2000 Massachusetts Ave., Washington, D.C. (July '35)

**Hoskinson, Carl M.,** Chief Engr., Div. of Water, 1140—43rd St., Sacramento, Calif. (June '28)

**Hostettler, C. O.,** Chemist, Akron Water Purif. Plant, 128 E. Hall St., Kent, Ohio (Jan. '38)

**Hostrup, C. F.,** 543 Ninth St., Santa Monica, Calif. (Feb. '30)

**Hot Springs Water Co.,** R. H. Teed, Hot Springs National Park, Ark. (Corp. M. Mar. '20)

**Hotchkiss, Harry E.,** Purif. Mgr., Monmouth Consolidated Water Co., Red Bank, N.J. (July '39)

**Hotchkiss, Henry T.,** Supervising Chemist, Larchmont, N.Y. (July '35)

**Hotler, Albert,** Supt., Goodland Munic. Water Works, Goodland, Ind. (Apr. '42)

**Hough, M. L.,** *see* Darling Valve & Mfg. Co.

**Houser, A. M.,** *see* Crane Co.

**Houser, George C.,** 220 Clyde St., Brookline, Mass. (Nov. '25)

**Houston, W. J.,** Agent, W. D. Taulman, 175 Spring St., S.W., Atlanta, Ga. (Jan. '40)

**Houston Water Dept.,** J. C. McVea, Director, City Hall, Houston, Tex. (Corp. M. Sept. '34)

**Hovey, Victor M.,** Supt., Oskaloosa Munic. Water Co., Oskaloosa, Iowa (Oct. '38)

**Hovis, B. J.,** Supt., Water Treatment Plant, Belmont Processing Co., Belmont, N.C. (Nov. '29)

**Howard, Arthur W.,** Mayor, Water Com., City Hall, Bellingham, Wash. (Affil. Jan. '42)

**Howard, C. S.,** *see* Iowa Valve Co.

**Howard, Charles D.,** Director, Div. of Chemistry & Sanitation, State Board of Health, State House, Concord, N.H. (Feb. '21)

**Howard, Murray M., Jr.,** Bottlers' Service Dept., The Coca-Cola Co., 310 North Ave., N.W., Drawer 1734, Atlanta, Ga. (Jan. '42)

**Howard, N. J.,** Director of Water Purif., Filtration Plant, Queen St. E. & Nursewood Rd., Toronto, Ont., Can. (June '20) *Director '35–'37, '42. Vice-Pres. '40. President '41.*

**Howard, Paul F.,** 138 Bartlett Rd., Winthrop, Mass. (Apr. '36)

**Howe, B. V.,** Director, Div. of San. Eng., State Board of Health, 201 Argonaut Hotel, Denver, Colo. (Apr. '30) *Fuller Award '40.*

**Howe, H. S.,** Chief Engr., Scranton-Spring Brook Water Service Co., 135 Jefferson Ave., Scranton, Pa. (Jan. '39)

**Howe, Henry L.,** City Engr., 52 City Hall, Rochester, N.Y. (Apr. '38)

**Howe, J. P.,** Town Engr., Pembroke, Ont., Can. (Mar. '28)

**Howe, Max G.,** Supt. of Water & Light, Union, S.C. (Jan. '38)

**Howell, Eugene M.,** Assoc. San. Engr., Morro Bay, Calif. (Jan. '37)

**Howell, W. Y.,** Supt., Board of Public Utilities, Paris, Tenn. (Jan. '42)

**Howland, E. Robert,** The British Pitometer Co., Victoria Station House, London, S.W.1, England (Apr. '14)

**Howland, Lee,** Cons. Engr., 513 S. Baldwin Ave., Temple City, Calif. (Jan. '41)

**Howland, Warren E.,** Assoc. Prof. of Civ. Eng., School of Civ. Eng., Purdue Univ., West Lafayette, Ind. (Apr. '34)

**Howson, Louis R.,** Alvord, Burdick & Howson, Engrs., 716 S. Oak St., Hinsdale, Ill. (Apr. '16) *Trustee '28–'30. Vice-Pres. '41. President '42. Director '43.*

**Hoy, Chas. W.,** Vice-Pres. & Engr., General Management Corp., 55 Liberty St., New York, N.Y. (Jan. '42)

**Hoy, J. R.,** San. Engr., 404 Hildebrandt Bldg., Jacksonville, Fla. (Feb. '30)

**Hoy, Joseph A.,** Supervising Foreman, Water Dept., 18 E. Worcester St., Worcester, Mass. (May '22)

**Hoyt, Earle S.,** San. Engr., 568 E. Broad St., Columbus, Ohio (May '30)

**Hromada, Frank M.,** Filtration Plant Engr., U.S. Dept. of Justice, U.S. Southwestern Reformatory, El Reno, Okla. (Jan. '40)

**Hubbard, Edward,** Specification Engr., Bureau of Water Works & Supply, Box 3669 Terminal Annex, Los Angeles, Calif. (Jan. '33)

**Hubbard, W. Hustace,** Pres., Elizabethtown Water Co., Box 96, Elizabethtown, N.Y. (July '41)

**Hubbert, E. G.,** Water Supt., Omak, Wash. (Jan. '37)

**Hudson Dept. of Public Works,** J. McClure Wardel, Supt. of Public Works, City Hall, Hudson, N.Y. (Corp. M. Oct. '38)

**Hudson, H. E., Jr.,** Designer, 7514 Cornell Ave., Chicago, Ill. (May '33)

**Hudson, Le Verne D.,** Sr. San. Engr., Div. of San. Eng., State Dept. of Public Health, Springfield, Ill. (Oct. '41)

**Hudson, R. P.,** *see* American Tobacco Co.

**Hudson, W. Rowland,** Engr. & Supt., California Water & Telephone Co., 2130 Huntington Drive, San Marino, Calif. (Jan. '39)

**Huffman, Benjamin F.,** Mgr., Rockport Water Works Co., Inc., 219 Main St., Rockport, Ind. (May '29)

**Huffman, H. H.,** Supt., Water & Street Lighting Dept., Topeka, Kan. (June '32)

**Hughes, George F.,** *see* Denver, City & County of

**Hughes, Gresham,** Mgr. & Secy., Mildura Urban Water Trust, Box 111, Mildura, Victoria, Australia (Apr. '38)

**Hughes, H. D.,** Mgr., S.W. Sales, American Cast Iron Pipe Co., 901 Citizens State Bank Bldg., Houston, Tex. (Jan. '42)

**Hughes, K. P.,** Salesman, Central Foundry Co., 5232 N.E. Alameda St., Portland, Ore. (Jan. '42)

**Hughes, S. C.,** *see* Deseronto Public Utilities Com.

**Hughes, W. P.,** City Engr. & Water Supt., City Hall, Lewiston, Idaho (Sept. '25) *Director '36–'38. Fuller Award '41.*

**Hughey, G. E., Jr.,** City Chemist & Supt. of Plants, 803 N. Center St., Statesville, N.C. (Oct. '41)

**Hulbert, Roberts,** Asst. Supt., Filtration Plant, Water Works Park, Detroit, Mich. (Apr. '30)

**Hull, Fred M.,** Supt. of Filtration, Columbus Water Works, 1439—17th Ave., Columbus, Ga. (Apr. '40)

**Hull, Lester B.,** Supt., Water Dept., Gloucester, Mass. (July '41)

**Hulteng, A. F.,** City Engr., Box 1018, Grand Forks, N.D. (Oct. '40)

**Hum, Clyde,** Sales Engr., Pittsburgh Equitable Meter Co., 1724 S. Park St., Springfield, Ill. (Apr. '41)

**Humphreys, Walter,** Supt., Waste Water Disposal Co., 633 W. Fern Drive, Fullerton, Calif. (Oct. '41)

**Hungerford, Churchill, Jr.,** Pres., Hungerford & Terry, Inc., Clayton, N.J. (Jan. '39)

**Hunsaker, W. S.,** Local Mgr., California Water Service Co., 125 S. Church St., Visalia, Calif. (Jan. '36)

**Hunter, Andrew,** *see* New Westminster, City of

**Hunter, G. A.,** Supt. of Gen. Constr., East Bay Munic. Utility Dist., 512—16th St., Oakland, Calif. (May '33)

**Hunter, H. G.,** Asst. Engr. to W. S. Lea, 1226 University St., Montreal, Que., Can. (June '11)

**Hunter, Homer A.,** Supt., City Water Works, City Hall, Dallas, Tex. (July '41)

**Hunter, T. B.,** Cons. Engr., 41 Sutter St., San Francisco, Calif. (July '06)

**Hurd, Edwin C.,** Cons. Engr., 1039 Architects & Builders Bldg., Indianapolis, Ind. (Apr. '38)

**Hurdle, Reg. T.,** Engr., A. N. Eaton Metal Products Co., Box 849, Bozeman, Mont. (July '26)

**Hurlbut, William W.,** Asst. Chief Engr. & Gen. Mgr., Bureau of Water Works & Supply, Box 3669 Terminal Annex, Los Angeles, Calif. (May '24) *Director '34–'36, '38. President '37. Diven Medal '41. Fuller Award '41.*

**Hurst, Wm. Donald,** Engr. of Water Works, 223 James Ave., Winnipeg, Man., Can. (Apr. '34)

**Hurtado, J. R.,** Civ. Engr., Escuela Tecnica Industrial, Esquina San Lazaro, Caracas, Venezuela (Jan. '39)

**Hushbeck, Harold R.,** Outside Supt., Water Dept., City Hall, 268 Main St., Watsonville, Calif. (Jan. '39)

**Hutchins, R. T.,** Supt. of Water Dept., 209 W. Franklin Ave., El Segundo, Calif. (Oct. '38)

**Hutchins, Will A.,** Supt., City Water Dept., Freeport, Ill. (Nov. '20)

**Hutchinson, Dale,** Water Comr., 45 S. Lake St., North East, Pa. (Jan. '40)

**Hutchinson, Harry E.,** Treas., Princeton Water Co., 166 Nassau St., Princeton, N.J. (Apr. '39)

**Hutchison, A.,** Drummond, McCall & Co., Ltd., Box 219, Montreal, Que., Can. (May '21)

**Hutson, A. D.,** Supt., Water & Elec. Plant, Office of City Mgr., Gainesville, Fla. (Jan. '42)

**Hutton, C. W.,** Constr. Engr., California Water Service Co., 715 S. 6th St., San Jose, Calif. (Oct. '41)

**Hutton, Harold S.,** San. Engr., Wallace & Tiernan Co., Inc., Box 178, Newark, N.J. (Apr. '20)

**Huy, Harry M.,** Western New York Water Co., 11 Niagara St., Buffalo, N.Y. (July '36)

**Hyde, Charles Gilman,** Cons. Hydr. & San. Engr. and Prof. of San. Eng., Univ. of California, Berkeley, Calif. (July '07) *Honorary M. '39.*

**Hyde, Ralph H.,** Vice-Pres. & Gen. Mgr., The Campbell Water Co., Box 1, Campbell, Calif. (May '27)

**Hydraulic Development Corp.,** West Medford Station, Boston, Mass. (Assoc. M. May '25)

**Hydraulic Supply Mfg. Co.,** Ralph S. Russell, Chief Engr., 7500—8th Ave., S., Seattle, Wash. (Assoc. M. Jan. '42)

**Hyland, Edward P.,** Supt., Water Dept., Town Hall, Moorestown, N.J. (Jan. '36)

**Hyman, H. H.,** Vice-Pres., Consumers Water Co., Box 3100, Miami, Fla. (Apr. '16)

**Ickler, Herbert,** Staff Mgr., Elec. Div., Power Products Dept., Johns-Manville Sales Corp., 967 Broad Street Station Bldg., Philadelphia, Pa. (July '37)

**Idaho Surveying & Rating Bureau,** R. C. Stevenson, Box 1069, Boise, Idaho (Corp. M. Feb. '24)

**Idaho, Univ. of,** H. Loren Thompson, Civ. Eng. Dept., Moscow, Idaho (Corp. M. Jan. '35)

**Ihling, Herbert M.,** Field Engr., Water Dept., City Engr.'s Office, City Hall, Milwaukee, Wis. (Jan. '40)

**Ilion Board of Water Comrs.,** Earle J. Trimble, Engr., Ilion, N.Y. (Corp. M. Mar. '24)

**Illinois Inspection Bureau,** C. W. Soderstrom, 309 W. Jackson Blvd., Chicago, Ill. (Corp. M. Jan. '24)

**Indiana Dept. of Conservation,** C. H. Bechert, 402 State Library Bldg., Indianapolis, Ind. (Corp. M. Jan. '38)

**Indiana, Public Service Co. of,** G. J. Oglebay, 800 Traction Terminal Bldg., Indianapolis, Ind. (Corp. M. Feb. '10)

**Indiana State Board of Health,** Bureau of San. Eng., B. A. Poole, Chief Engr., 1098 W. Michigan St., Indianapolis, Ind. (Corp. M. June '26)

**Industrial Chemical Sales Div.,** 230 Park Ave., New York, N.Y. (Assoc. M. May '31)

**Infilco, Inc.,** P. F. Pew, 325 W. 25th Pl., Chicago, Ill. (Assoc. M. Nov. '15)

**Ingle, E. H.,** *see* Electro Rust-Proofing Co.

**Inglee, Clinton,** Pres. & Gen. Mgr., National Water Main Cleaning Co., 30 Church St., New York, N.Y. (July '35) *Director '39–'41.*

**Inglewood Water Dept.,** D. H. Griffith, Supt., City Hall, Inglewood, Calif. (Corp. M. Oct. '38)

**Ingram, William T.,** San. Engr., San Joaquin Local Health Dist., Box 111, Stockton, Calif. (July '35)

**Inman, C. E.,** Comr. & Supt., Water Works, Warren, Ohio (May '21)

**Insull, William,** Western Div. Mgr., Northeastern Water & Elec. Service Corp., 109 N. Main St., Bowling Green, Ohio (Jan. '41)

**Interstate Lead Distributing Co.,** M. A. Tarshis, Pres., 24-08—40th Ave., Long Island City, N.Y. (Assoc. M. July '41)

**Iowa Valve Co.,** C. S. Howard, Vice-Pres., 812 Hubbell Bldg., Des Moines, Iowa (Assoc. M. Nov. '28)

**Irish, J. Wilbur,** Cons. Engr., 906 South St., Peekskill, N.Y. (Jan. '36)

**Irwin, George S.,** Supt., Water & Sewage Dept., City Hall, Delaware, Ohio (Affil. Jan. '41)

**Irwin, Gifford M.,** City Engr., City Hall, Victoria, B.C., Can. (Nov. '33)

**Irwin, Harry F.,** Asst. Supt., Water Works & Parks, City Hall, Ogden, Utah (July '36)

**Irwin, Wm. F.,** Sales Repr., Louisville Cement Co., 2012 Edgecliff Drive, Cincinnati, Ohio (Oct. '38)

**Isaac, F. N.,** Local Mgr., California Water Service Co., Hanford, Calif. (May '08)

**Isham, Orrin L.,** Supt., Oxnard Munic. Water Dept., Box 446, Oxnard, Calif. (Oct. '38)

**Itter, Charles J.,** Engr. of Design, Dept. of Water & Power, Box 3669 Terminal Annex, Los Angeles, Calif. (Oct. '34)

**Jack, Allen,** Mgr., San Francisco Branch, Hersey Mfg. Co., 1045 Bryant St., San Francisco, Calif. (Oct. '41)

**Jack, D.,** City Engr., City Hall, Kingston, Ont., Can. (Apr. '37)

**Jack, Grant R.,** *see* East York, Township of

**Jacklin, T. W.,** Adv. Director, *Engineering Contract Record,* 347 Adelaide St. W., Toronto, Ont., Can. (Jan. '41)

**Jacks, Ivan T.,** *see* Jasper Munic. Elec. & Water Dept.

**Jackson, David J.,** Chemist, Tarentum Water Dept. 402 Allegheny St., Tarentum, Pa. (Jan. '40)

**Jackson, H. W.,** Supt. of Water Works, 912 Arctic St., Antigo, Wis. (Aug. '24)

**Jackson, Howard M.,** City Clerk, Munic. Water Works, City Hall, Yorkton, Sask., Can. (Jan. '42)

**Jackson, Leslie A.,** Mgr., Munic. Water Works, Robinson Memorial Auditorium, Little Rock, Ark. (Apr. '36)

**Jackson, T. B.,** Pres. & Gen. Mgr., Boise Water Corp., 623 Idaho St., Boise, Idaho (July '35)

**Jacobs, L. L.,** Supt. of Utilities, 3001 Gadsen St., Columbia, S.C. (July '35)

**Jacobs, Nathan B.,** Pres., Morris Knowles, Inc., 1312 Park Bldg., Pittsburgh, Pa. (Sept. '30)

**Jacobs, S. Willard,** Vice-Pres., Niagara Alkali Co., 60 E. 42nd St., New York, N.Y. (Feb. '19)

**Jacobson, Alvin R.,** Chief Chemist, Kansas City Water Dept., 404 E. 10th St., Kansas City, Mo. (Jan. '42)

**Jacobson, E. E.,** Mgr., Lexington Water Co., 167 N. Upper St., Lexington, Ky. (Apr. '32) *Director '39–'41.*

**Jacques, Henry L.,** Engr. of Major Constr., Bureau of Water Works & Supply, Box 3669 Terminal Annex, Los Angeles, Calif. (Sept. '31)

**Jagger, J. E.,** American Society of Civ. Engrs., 33 W. 39th St., New York, N.Y. (July '35)

**James, Elmo,** Constr. Foreman, 2626 W. Euclid Ave., Spokane, Wash. (Jan. '38)

**Jamestown Board of Public Utilities,** Water Div., Clayton O. Johnson, Supt., Jamestown, N.Y. (Corp. M. Jan. '39)

**Janzig, A. C.,** Sr. Chemist, Fridley Softening Plant, 43rd & Marshall St., N.E., Minneapolis, Minn. (Oct. '21)

**Jarvis, Alexander Charles,** Water Purif. Specialist, Jens Kofoedsgade 4, Copenhagen, Denmark (May '14)

**Jarvis, L. E.,** Supt., Water & Light Dept., Box 224, Cashmere, Wash. (July '35)

**Jasper Munic. Elec. & Water Dept.,** Ivan T. Jacks, Jasper, Ind. (Corp. M. Apr. '39)

**Jayne, Emil F.,** *see* Centralia City Water Dept.

**Jeffrey Mfg. Co., The,** S. L. Tolman, Columbus, Ohio (Assoc. M. Apr. '37)

**Jenkins, David,** New Jersey Zinc Co., Franklin, N.J. (Oct. '22)

**Jenkins, E. D.,** 803 Indiana St., Martins Ferry, Ohio (Apr. '36)

**Jenkins, E. J.,** Supt. of Distr., Philadelphia Suburban Water Co., 762 Lancaster Ave., Bryn Mawr, Pa. (Feb. '25)

**Jenkins, G. R.,** Chemist, Cities Service Oil Co., Tallant, Okla. (Jan. '41)

**Jenks, Harry N.,** Cons. San. Engr., 345 Madrono Ave., Palo Alto, Calif. (Jan. '17)

**Jenks, Stanley,** *see* Ozone Processes, Inc.

**Jennings, Arthur J.,** City Director, Eng. & Water Dept., City Hall, Monroe, Mich. (Jan. '41)

**Jennings, Fred Huntington,** Supt. of Filtration, Dept. of Water, 1146 Boyd St., Watertown, N.Y. (July '38)

**Jensen, E. (Miss),** *see* Multnomah Home Water Dist.

**Jensen, Emil C.,** Sr. Public Health Engr., State Dept. of Health, 237 Liberty Bldg., Yakima, Wash. (Jan. '42)

**Jensen, Frank B.,** Supt., Council Bluffs City Water Works, Council Bluffs, Iowa (Jan. '35)

**Jensen, J. Arthur,** Engr., Water Works Dept., Minneapolis, Minn. (Apr. '10) *Trustee '25–'27. Director '31–'33, '41. President '40.*

**Jensen, O. F.,** Mgr. & Gen. Partner, Layne-Texas Co., Ltd., Box 9098, Houston, Tex. (July '38)

**Jenson, R. M.,** Supt. of Water Works Grand Forks, N.D. (July '35)

**Jerden, Alfred,** *see* Malmö Stads Vatten- och Avloppsverk

**Jernigan, Harold N.,** Sales Engr., 136 Arcadia Park, Lexington, Ky. (Oct. '35)

**Jerome Water Co.,** Wm. A. Peters, Jerome, Idaho (Corp. M. July '35)

**Jessee, Vince,** Supt., Water Dept., 630 E. E St., Elizabethton, Tenn. (Oct.'39)

**Jessen, John E.,** Supt., City Water Works, City Hall, Monmouth, Ill. (Jan. '42)

**Jester, John M.,** Div. Engr., Robert B. Morse Filter Plant, Silver Springs, Md. (July '37)

**Jeup, Bernard H.,** Chem. Engr., Bureau of San. Eng. Labs., State Board of Health, 1098 W. Michigan St., Indianapolis, Ind. (May '25)

**Jewell, Arthur G.,** Asst. Supt., Water Dept., Board of Water Supply, City Hall, Mount Vernon. N.Y. (Jan. '42)

**Jewell, G. H.,** Dist. Mgr., Builders-Providence, Inc., 122 S. Michigan Ave., Chicago, Ill. (Apr. '34)

**Jewell, William V.,** Chief Bookkeeper, Dept. of Public Works, 630 Bergen Ave., Jersey City, N.J. (Nov. '27)

**Jiannott, William,** Supt., Thornwood Water Dist., Thornwood, N.Y. (July '35)

**Johns-Manville Sales Corp.,** C. A. McGinnis, 22 E. 40th St., New York, N.Y. (Assoc. M. Mar. '33)

**Johnson, A. C.,** Bottlers' Service Dept., The Coca-Cola Co., 310 North Ave., N.W., Drawer 1734, Atlanta, Ga. (Jan. '42)

**Johnson, A. W.,** Mfg. Sales Agent, Thermal Products Corp., 1426 Santa Fe Ave., Los Angeles, Calif. (Oct. '40)

**Johnson, B. French,** Chemist, New Castle Water Co., 31 N. Mill St., New Castle, Pa. (Apr. '39)

**Johnson, Carl,** Chief Operator, Water Plant, Ft. Leavenworth, 803 S. Broadway, Leavenworth, Kan. (Apr. '40)

**Johnson, Carl A.,** Water Service & Main Foreman, Los Angeles Water Dept., 5353 Berridge Rd., Los Angeles, Calif. (Jan. '42)

**Johnson City Water Dept.,** Arthur J. Merrill, Supt., Johnson City, N.Y. (Corp. M. Sept. '25)

**Johnson, Clayton O.,** Supt., Board of Public Utilities, Jamestown, N.Y. (May '34)

**Johnson, Dewey W.,** Cast Iron Pipe Research Assn., 122 S. Michigan Ave., Chicago, Ill. (Jan. '37)

**Johnson, E. Harold,** Florida Repr., A. P. Smith Mfg. Co., Orlando, Fla. (Oct. '41)

**Johnson, E. M.,** *see* Raleigh Water Dept.

**Johnson E. P.,** 418 Flannery Bldg., Station No. 13, Pittsburgh, Pa. (July '35)

**Johnson, Edgar W.,** Asst. Water Works Engr., Minneapolis Water Dept., R. 8, Box 352, Minneapolis, Minn. (July '17)

**Johnson, Edward E., Inc.,** W. M. Bollenbach, 2304 Long Ave., St. Paul, Minn. (Assoc. M. May '22)

**Johnson, Eric F.,** Research Asst., American Water Works Assn., 22 E. 40th St., New York, N.Y. (Jan. '42)

**Johnson, Floyd V.,** Salesman, Mueller Co., 1115 Clayton Ave., Nashville, Tenn. (Oct. '41)

**Johnson, Francis M.,** San. Engr., Dist. Health Dept., Murphy, N.C. (Oct. '37)

**Johnson, H. B.,** Water Supt., State & Jackson Sts., Media, Pa. (Jan. '37)

**Johnson, H. M.,** *see* Anaconda Copper Mining Co.

**Johnson, Howard A.,** 141 Howeland Circle, Danville, Va. (Nov. '28)

**Johnson, Jess B.,** Supt., Sturgeon Bay Utilities, City Hall Annex Bldg., Sturgeon Bay, Wis. (Nov. '31)

**Johnson, Jesse C.,** Asst. Supt., Meters & Services, Los Angeles Bureau of Water Works & Supply, 1714 Tenshaw Pl., Eagle Rock, Calif. (Jan. '41)

**Johnson, Meredith E.,** State Geologist, State House Annex, Trenton, N. J. (Affil. July '38)

**Johnson, Morgan A.,** Palmer Supply Co., 222 Westlake Ave., N., Seattle, Wash. (Apr. '36)

**Johnson, R. K.,** Dist. Sales Mgr., Darling Valve & Mfg. Co., 70 Pine St., New York, N.Y. (Jan. '28)

**Johnson, Robert M.,** Supervisor of Filtration, City Water Dept., Tampa, Fla. (Apr. '40)

**Johnson, Samuel C.,** Chem. Engr., Dearborn Chemical Co., 1912 Straus Bldg., Chicago, Ill. (Apr. '23)

**Johnson, Theodore S.,** Prof., North Carolina State College, Box 2103, Raleigh, N.C. (Jan. '40)

**Johnson, W. B.,** Supervisor, Bureau of Water, City Hall, Easton, Pa. (Jan. '37)

**Johnson, W. H.,** Supt. of Water Works, Harrodsburg, Ky. (Feb. '31)

**Johnson, W. Scott,** Chief Public Health Engr., Div. of Public Eng. & Sanitation, State Office Bldg., Jefferson City, Mo. (Feb. '24)

**Johnston, E. W.,** Asst. San. Engr., San. Eng. Div., Ontario Dept. of Health, Parliament Bldgs., Toronto, Ont., Can. (Feb. '34)

**Johnston, O. S.,** *see* Chateaugay Water Works Co.

**Johnstone, Alan McC.,** Mgr., Water Softening Plant, Orangeburg Water & Light Plant, 79 Ellis Ave., Orangeburg, S.C. (Jan. '40)★

**Joliet, City of,** Joseph F. Whalen, Comr., 150 N. Ottawa St., Joliet, Ill. (Corp. M. Oct. '41)

**Jones, A. P.,** *see* Consolidated Chemical Industries, Inc.

**Jones, C. V.,** *see* Albert Lea Water Dept.

**Jones, Carl C.,** Sidney, Neb. (July '35)

**Jones, Clark W.,** Supt. of Water Works, Dalton, Ga. (Apr. '36)

**Jones, Earl F.,** Jersey Shore Water Co., Jersey Shore, Pa. (Mar. '27)

**Jones, Everett M.,** *see* Simplex Valve & Meter Co.

**Jones, Frank Woodbury,** Partner, Havens & Emerson, 1140 Leader Bldg., Cleveland, Ohio (May '23)

**Jones, Fred D.,** Chief Meter Inspector, 305 City Hall, Spokane, Wash. (Jan. '38)

**Jones, H. Seaver,** Pres., Centriline Corp., 90 West St., New York, N.Y. (July '22)

**Jones, Harvey P.,** Cons. Engr., 606 Second National Bank Bldg., Toledo, Ohio (July '22)

**Jones, James E.,** Civ. Engr., Aqueduct Hydrography Sec., Dept. of Water & Power, Box 3669 Terminal Annex, Los Angeles, Calif. (Oct. '33)

**Jones, Max K.,** Mgr., Huntington Water Corp., Huntington, W.Va. (July '35)

**Jones, Morris S.,** Chief Engr. & Gen. Mgr., Pasadena Water Dept., 319 City Hall, Pasadena, Calif. (Oct. '24)

**Jones, T. E.,** Supt., City Water Works, Bridgeport, Ala. (Jan. '40)

**Jones, W. B.,** Pres., James Jones Co., 201 Leroy St., Los Angeles, Calif. (Oct. '31)

**Jones, William R.,** Chemist Operator, Fridley Softening Plant, 43rd & Marshall, N.E., Minneapolis, Minn. (Affil. Jan. '41)

**Joos, C. E.,** Mgr., Water Conditioning Div., Cochrane Corp., 17th & Allegheny Ave., Philadelphia, Pa. (Apr. '39)

**Jordan, D. E.,** Cia Cubana de Electricidad, Apdo. 129, Matanzas, Cuba (Jan. '41)

**Jordan, Frank C.,** Secy., Indianapolis Water Co., 113 Monument Circle, Indianapolis, Ind. (June '11) *Trustee '20–'22. Vice-Pres. '24. President '25. Exec. Com. '26–'27. Fuller Award '40. Honorary M. '41.*

**Jordan, Harry E.,** Secy., American Water Works Assn., 22 E. 40th St., New York, N.Y. (Oct. '19) *Director '32–'34, '36. President '35. Diven Medal '36. Secretary '37–. Honorary M. '39.*

**Jordan, Henri K.,** Pres., Canada Valve & Hydrant Co., Ltd., Brantford, Ont., Can. (July '41)

**Jordan, William H.,** Asst. Supt. of Grounds & Chief San. Patrolman, East Bay Munic. Utility Dist., 512—16th St., Oakland, Calif. (May '33)

**Jorgensen, Homer W.,** Asst. San. Engr., Bureau of San. Eng., 3093 Life Science Bldg., Berkeley, Calif. (Oct. '39)

**Joslyn, Ray O.,** Mgr., Layne-Western Co., 1010 W. 39th St., Kansas City, Mo. (May '30)

**Jost, Charles F.,** Cons. Engr., Buck, Siefert & Jost, 112 E. 19th St., New York, N.Y. (July '35)

**Joyce, Charles V.,** Div. Engr., Washington Suburban Sanitary Dist., Hyattsville, Md. (Jan. '37)

**Joynt, H. O.,** *see* Traverse City Iron Works

**Judd, Thomas H.,** Engr., Washington Water Power Co., Spokane, Wash. (Jan. '38) ★

**Judge, James H.,** Dist. Mgr., Neptune Meter Co., 130 N. Jefferson St., Chicago, Ill. (Apr. '34)

**Judson, H. T.,** Portland Mgr., Hersey Mfg. Co., 1231 N.W. Hoyt St., Portland, Ore. (Mar. '29)

**Juhlin, Charles,** *see* Aurora Water & Light Com.

**Justus, O. H.,** Water Works Operator, City Water Works, Box 2037, Vienna, W.Va. (Affil. Jan. '40)

**Jutz, Charles E.,** Pres., St. Louis County Water Co., 6600 Delmar Ave., St. Louis, Mo. (Apr. '20)

**Kable, Edgar P.,** Gen. Mgr., York Water Co., 130 E. Market St., York, Pa. (Nov. '17)

**Kadinger, Fred,** Plant Supt., Com. on Public Works, Juneau, Wis. (Jan. '40)

**Kahn, James M.,** Sales Engr., Infilco, Inc., 1260 W. Wesley Ave., Atlanta, Ga. (Jan. '34)

**Kallis, Selma G. (Mrs.),** 2500 Minnesota Ave., S.E., Washington, D.C. (May '33)

**Kammeraad, Peter A.,** *see* Grand Rapids Water Dept.

**Kansas City Water Dept.,** Director, City Hall, Kansas City, Mo. (Corp. M. Feb. '15)

**Kansteiner, H. H.,** Mgr., Production & Distr., Water Works Dept., Leavenworth, Kan. (Apr. '37)

**Kappe, Stanley E.,** 5230 Massachusetts Ave., Friendship Station, Washington, D.C. (Apr. '32)

**Karr, Roy W.,** Sales Repr., Mueller Co., 2826 N.E. Brazee St., Portland, Ore. (Jan. '38)

**Kassey, Albert E.,** Supt., Water Dept., North Tarrytown, N.Y. (June '29)

**Kaufman, R. A.,** Mgr., Port Chester Water Works, Inc., 25 Willett Ave., Port Chester, N.Y. (Jan. '42)

**Kavanagh, Gerald R.,** Dist. Mgr., Wallace & Tiernan Co., Inc., 922 Hamilton Bldg., Knoxville, Tenn. (July '39)

**Kavanagh, J. P.,** Repr., Wallace & Tiernan Co., Inc., 801 Boxley Bldg., Roanoke, Va. (Oct. '41)

**Kear, Carl I.,** *see* Minersville, Munic. Authority of Borough of

**Kearney, E. W.,** State Board of Health, Morganton, N.C. (Jan. '30)

**Keasbey & Mattison Co.,** A. B. Spaulding, Sales Mgr., Butler Ave., Ambler, Pa. (Assoc. M. Oct. '37)

**Keatley, Charles R.,** Assoc. San. Engr., The Engineer Board, Fort Belvoir, Va. (Affil. Jan. '40)

**Keeler, H. Y.,** Sales Engr., Box 1448, Huntington, W.Va. (Apr. '41)

**Keenan, F. E.,** Supt. of Water Works, Gunnison, Colo. (Oct. '29)

**Keeping, Clarence A.,** Supt., Pumping Station, Winnipeg Water Works, McPhillips St. Pumping Station, Winnipeg, Man., Can. (Jan. '41)

**Kegebein, John F., Jr.,** Asst. Chemist, Div. of Water, 101 City Hall, Norfolk, Va. (Apr. '41)

**Keils, Anthony,** Supt., Mt. Clemens Water Works, 38 Moross Ave., Mt. Clemens, Mich. (June '09)

**Keily, C. J.,** Vice-Pres. & Gen. Mgr., Jamaica Water Supply Co., 161-20—89th Ave., Jamaica, N.Y. (Nov. '29)

**Keinath, Wm. J.,** Salesman, L. I. Snodgrass Co., 18 E. 4th St., Cincinnati, Ohio (July '41)

**Keirn, K. A.,** Wallace & Tiernan Co., Inc., 171—2nd St., San Francisco, Calif. (July '35)

**Keis, F. J.,** Cons. Engr., 257 Broadway, Troy, N.Y. (Apr. '27)

**Keiser, Richard K.,** Gen. Mgr., Sinking Spring Water Co., 1904 Penn Ave., West Lawn, Pa. (Apr. '40)

**Keith, J. Clark,** Gen. Mgr., Windsor Utilities Com., Canada Bldg., Windsor, Ont., Can. (Mar. '2[illegible] *Director '41-'43.*

**Keliher, Timothy,** Supt., Williamsport Water Co., Williamsport, Pa. (Feb. '17)

**Kelleher, Jos. T.,** Supt., Martinez Water System, City Hall, Martinez, Calif. (Oct. '37)

**Keller, S. K.,** Gen. Supt., Pinellas County Water System, Box 151, Clearwater, Fla. (July '38)

**Kelley, A. I.,** Personnel Co-ordinator, Bureau of Water Works & Supply, 207 S. Broadway, Los Angeles, Calif. (Jan. '40)

**Kelley, C. F.,** Supt., Napoleon Water Works & Elec. Lighting Plant, Box 110, Napoleon, Ohio (Jan. '39)

**Kelley, C. H.,** Mgr., Butler Water Co., Butler, Pa. (July '24)

**Kelley, Frank,** Supt., Valhalla Water Dist., 25 Cedar St., Valhalla, N.Y. (Jan. '40)

**Kelley, W. Denison,** Cons. Engr., Box 570, Beckley, W.Va. (Oct. '40)

**Kellner, Hugh,** Chief Engr., City Water Works, 350 Moy Ave., Windsor, Ont., Can. (Feb. '23)

**Kellogg, C. E.,** *see* Mount Morris Water Dept.

**Kellogg, James W.,** Asst. Director, State Lab. of Hygiene, Raleigh, N.C. (June '21) *Director '41-'43.*

**Kelly, J. B.,** Supt., Water Works Dept., Goderich Public Utilities Com., Goderich, Ont., Can. (Apr. '42)

**Kelsey, Reginald A.,** Patrolman-in-Charge, Los Angeles Dept. of Water & Power, Box 406, Mojave, Calif. (July '38)

**Kelso, A. E.,** *see* Melbourne & Metropolitan Board of Works

**Kelso, Gilbert L.,** 520 Washington Ave. S.E., Minneapolis, Minn. (May '30)

**Kempkey, Augustus,** Cons. Engr., 410 Hobart Bldg., San Francisco, Calif. (June '23)

**Kendall, Theodore Reed,** Eng. Editor, *The American City,* 470 Fourth Ave., New York, N.Y. (Mar. '19)

**Kennedy, A. R.,** *see* Central Power & Light Co.

**Kennedy, Charles T.,** Service Director, Water & Service Dept., 1556 E. State St., Salem, Ohio (Apr. '40)

**Kennedy, Clyde C.,** Civ. Engr., Atlas Bldg., 604 Mission St., San Francisco, Calif. (Oct. '27)

**Kennedy, M. E.,** *see* Kennedy Valve Mfg. Co.

**Kennedy, Robert C.,** Asst. Chief Engr. & Asst. Gen. Mgr., East Bay Munic. Utility Dist., 512—16th St., Oakland, Calif. (May '33)

**Kennedy Valve Mfg. Co.,** M. E. Kennedy, Treas., Elmira, N.Y. (Assoc. M. Mar. '11)

**Kenney, Norman D.,** Assoc. Engr., Whitman, Requardt & Smith, 1304 St. Paul St., Baltimore, Md. (Jan. '41)

**Kennison, Karl R.,** Chief Engr., Metropolitan Dist., Water Supply Com., 20 Somerset St., Boston, Mass. (July '39)

**Kennon, James H.,** Mng. Engr., Bureau of Water, 416 City-County Bldg., Pittsburgh, Pa. (Sept. '29) *Director '42-'44.*

**Kenny, Norbert J.,** Pres., National Meter Div., 4207 First Ave., Brooklyn, N.Y. (Apr. '38)

**Kenosha Water Dept.,** James W. Myers Jr., Supt., Kenosha, Wis. (Corp. M. Apr. '37)

**Kent, Frederick S.,** Supt., Miraflores Filtration Plant, The Panama Canal, Box 553, Diablo Heights, Canal Zone (Apr. '42)

**Kentucky State Board of Health,** F. C. Dugan, Director, Bureau of San. Eng., 620 S. 3rd St., Louisville, Ky. (Corp. M. Feb. '15) *Director '33-'35.*

**Kentucky Utilities Co.,** E. W. Brown, 159 W. Main St., Lexington, Ky. (Corp. M. Feb. '05)

**Kepner, Dana E.,** Mfr.'s Repr., 1921 Blake St., Denver, Colo. (Oct. '25) *Fuller Award '39.*

**Kerr, S. Logan,** Hydr. Engr., 30 E. Mount Pleasant Ave., Philadelphia, Pa. (Jan. '35)

**Kershaw, Neil,** Chief Chemist, Indianapolis Water Co., 113 Monument Circle, Indianapolis, Ind. (Jan. '37)

**Kerslake, James E.,** Supt. of Filtration, Water Purif. Plant, 3000 N. Lincoln Memorial Drive, Milwaukee, Wis. (May '30)

**Ketcham, Henry N.,** Mgr., Roslyn Water Dist., 18 Villa St., Roslyn, N.Y. (July '35)

**Ketcham, Valentine O.,** Gen. Mgr., Stamford Water Co., 103 Summer St., Stamford, Conn. (July '26)

**Keyak, Michael H.,** San. Engr., Water Purif. Div., San Francisco Water Dept., Millbrae, Calif. (Oct. '41)

**Kienle, John A.,** Vice-Pres., Mathieson Alkali Works, Inc., 60 E. 42nd St., New York, N.Y. (June '09) *Director '36-'38, '40-'42. Honorary M. '40.*

**Kiker, John E., Jr.,** State Health Dept., 35 Market St., Poughkeepsie, N.Y. (May '33)

**Kilkenny, T. D.,** City Engr., City Hall, Vallejo, Calif. (Oct. '39)

**Killam, Elson T.,** Hydr. & San. Engr., 142 Maiden Lane, New York, N.Y. (Dec. '31)

**Killam, Samuel E.,** Director & Chief Engr., Water Div., Metropolitan Dist. Com., 20 Somerset St., Boston, Mass. (Nov. '15)

**Killian, Paul,** Supt., Peoples Water Service Co., Brunswick, Ga. (Mar. '30)

**Kilpatrick, G. R.,** Supt., Water Works, Box 784, Cisco, Tex. (Oct. '40)

**Kimberly, A. Elliott,** Cons. San. Engr., 568 E. Broad St., Columbus, Ohio (May '23)

**King, George M.,** 493 Coral Ave., Bridgeton, N.J. (Oct. '41)

**King, Kenneth K.,** Director, Water Dept., City Hall, Kansas City, Mo. (July '40)

**King, McKay,** Box 191, Elizabethtown, Ky. (July '39)

**King, Oscar L.,** Water Works Supt., Kingsport, Tenn. (July '35)

**King, R. M.,** Chief Engr., Layne-Arkansas Co., Stuttgart, Ark. (July '38)

**King, Roy S.,** *see* Midland Public Utilities Com.

**King, W. L.,** *see* Hempstead, Inc. Village of

**Kingsley, George,** Canal Point, Fla. (July '35)

**Kingston, T. M. S.,** *see* Chatham Board of Water Comrs.

**Kingston Utilities Com.,** C. C. Folger, Gen. Mgr., Kingston, Ont., Can. (Corp. M. July '41)

**Kinnear, J. Milton,** Asst. Civ. Engr., Bureau of Water Supply, 2823 Overland Ave., Baltimore, Md. (Jan. '42)

**Kinney, E. F.,** Sales Engr., Wallace & Tiernan Co., Inc., 2204 E. Kessler Blvd., Indianapolis, Ind. (Apr. '38)

**Kinney, James B.,** Mgr., Wallace & Tiernan, Ltd., 350 Sorauren Ave., Toronto, Ont., Can. (Jan. '37)

**Kinsel, Harry L.,** 6 Holland St., Newton, Mass. (July '35)

**Kipp, Ed.,** Supt., Marshfield Elec. & Water Dept., Marshfield, Wis. (Jan. '39)

**Kipp, W. H.,** Mgr., Water Works Supplies, Inc., 809 S.E. Madison St., Portland, Ore. (Apr. '40)

**Kircher, A. M.,** City Engr., City Hall, Mankato, Minn. (Oct. '39)

**Kirchman, William,** Supt., Filter Plant, Fairmont, W.Va. (May '31)

**Kirchoffer, William Gray,** Prof. of San. & Hydr. Eng., 22 N. Carroll St., Madison, Wis. (Jan. '23)

**Kirk, Lawrence H.,** Service Engr., The Flox Co., Inc., 83 South Terrace, Fargo, N.D. (Apr. '39)

**Kirkpatrick, William,** Maint. Engr., Water & Sewerage Board, Water Engr.'s Office, Cross Roads P.O., Jamaica, B.W.I. (July '34)

**Kitchener Water Com.,** J. C. Breithaupt, City Hall, Kitchener, Ont., Can. (Corp. M. Feb. '20)

**Kittrell, F. W.,** Engr.-Secy., Interstate Com. on Potomac River Basin, 522 Transportation Bldg., Washington, D.C. (July '35)

**Kivari, A. M.,** Pacific Coast Mgr., The Dorr Co., Inc., 811 W. 7th St., Los Angeles, Calif. (Sept. '31)

**Klang, E. H.,** Supt., Water & Light Dept., Staples, Minn. (Apr. '39)

**Klang, Marvin,** Sr. San. Chemist, Dept. of Water Supply—Sewage Div., 9300 W. Jefferson St., Detroit, Mich. (Affil. July '41)

**Klassen, Clarence W.,** Chief San. Engr., State Dept. of Public Health, Springfield, Ill. (Jan. '35)

**Klaumann, Chas. H.,** Supt., Water Works, Iola, Kan. (Jan. '39)

**Klaus, Fred J.,** City Engr., City of Sacramento, 205 City Hall, Sacramento, Calif. (Oct. '15)

**Klebenow, Reinhold H.,** Supt. of Water Distr., 1430 W. Canal St., Milwaukee, Wis. (July '40)

**Kleber, J. P.,** Eng. Service, Calgon, Inc., 300 Ross St., Box 1346, Pittsburgh, Pa. (July '41)

**Klein, Austin R.,** *see* Mishawaka City Water & Elec. Plant

**Klein, George C.,** 3028 Stanford Ave., Venice, Calif. (Apr. '36) ★

**Klein, William I.,** Cons. Engr., 21 Maple Terrace, East Orange, N.J. (July '13)

**Kleinsmith, Walter,** Supt., Water Dept., 387 Broadway, Woodburn, Ore. (Apr. '40)

**Kleiser, Paul J.,** 424 N. 2nd St., Clarksville, Tenn. (Jan. '37)

**Klindt B., Pedro,** Apdo. 1251, Caracas, Venezuela (Jan. '41)

**Kline, Hubert S.,** Chemist-Bacteriologist, 37 Pointview Ave., Dayton, Ohio (Oct. '36)

**Knaff, A.,** *see* Burroughs Adding Machine Co.

**Knapp, Frank,** Supt., Water Dept., 12-80 Fourth St., Fairlawn, N.J. (Jan. '40)

**Knapp, Peter T.,** Chief Draftsman, Baltimore County Metropolitan Dist., 703 Murdock Rd., Baltimore, Md. (Jan. '42)

**Kneale, John S., Jr.,** Chemist-in-Charge, New York Water Service Corp., 2015 Church Ave., Brooklyn, N.Y. (Jan. '38)

**Kneeland, H. C.,** Water Analyst, 51 S. Jackson Ave., Pittsburgh 2, Pa. (Apr. '39)

**Knickerbacker, John,** Pres., Eddy Valve Co., 86 First St., Troy, N.Y. (June '13)

**Knight, G. Webber,** Mgr., Natrona Water Co., Natrona, Pa. (Dec. '25)

**Knittel, E. A.,** Lynden, Wash. (July '35)

**Knoedler, H. A.,** Western Mgr., Inertol Co., Inc., 64 S. Park, San Francisco, Calif. (Oct. '37)

**Knoell, Howard F.,** Town Mgr., Box 125, Orange, Va. (Oct. '41)

**Knoener, Chas. J.,** Field Engr., The Pitometer Co., 50 Church St., New York, N.Y. (July '40)

**Knott, John J.,** Supt., Mutual Water Co., 3927 Clara St., Cudahy, Calif. (Oct. '37)

**Knowles, C. R.,** 6319 Kenwood Ave., Chicago, Ill. (June '13) *Director '31–33.*

**Knowlton, E. C.,** Gen. Mgr., Anniston Water Dept., Anniston, Ala. (Jan. '40)

**Knox, W. H.,** Asst. Engr., State Dept. of Health, Columbus, Ohio (Jan. '27)

**Knoxville Elec. Power & Water Board,** M. B. Whitaker, Supt., Water Bureau, 626 S. Gay St., Knoxville, Tenn. (Corp. M. May '23)

**Knudsen, H. A.,** Mech. & Elec. Engr., East Bay Munic. Utility Dist., 512—16th St., Oakland, Calif. (Oct. '37)

**Koebig, Adolf H., Jr.,** Cons. Engr., 821 Rowan Bldg., 458 S. Spring St., Los Angeles, Calif. (July '34)

**Kohl, Lewis E.,** Cons. Engr., 16 State St., Rochester, N.Y. (July '38)

**Kolb, T. A.,** San Engr., State Board of Health, Wade Hampton Bldg., Columbia, S.C. (Apr. '41) ★

**Koon, Ray Emerson,** Stevens & Koon, Cons. Engrs., Spalding Bldg., Portland, Ore. (Feb. '22)

**Korff, Frank,** Chief Engr., Tonawanda Water Works, Chestnut St., Tonawanda, N.Y. (Apr. '40)

**Korves, Albert A.,** 245 Ross Park, Syracuse, N.Y. (July '35)

**Koster, Roy F.,** 1201 S. Euclid Ave., Pasadena, Calif. (Aug. '27)

**Kountz, R. Rupert,** Acting Chief Water Analyst, State Dept. of Health, State Hygienic Labs., Iowa City, Iowa (Apr. '41) ★

**Kramer, Howard H.,** City Mgr., City Hall, Milton, Ore. (Jan. '41)

**Kramer, Warren A.,** State Board of Health, State Office Bldg., Jefferson City, Mo. (Mar. '27)

**Krassy, Charles M.,** Supt., Water Dept., Box 297, Manville, N.J. (Jan. '37)

**Krater, Frank B.,** Gen. Foreman & Supt., Los Angeles Dept. of Water & Power, Independence, Calif. (Jan. '41)

**Kraus, George A.,** Operator, Paden City Water Co., Paden City, W.Va. (Affil. Jan. '42)

**Krause, John W.,** Chief Engr., La Grange Water Works, 131 S. Brainard Ave., La Grange, Ill. (Mar. '32)

**Krell, Abraham John,** Chemist & Bacteriologist, William Raisch & Assoc., Cons. Engrs., 227 Fulton St., New York, N.Y. (Apr. '39) ★

**Krieger, John,** Supt., Consolidated Mutual Water Co., 845 Fenton St., Denver, Colo. (Oct. '41)

**Kriegsheim, Heinrich,** 200 W. 86th St., New York, N.Y. (May '15)

**Kriesel, Fred,** Supt., Water & Light Dept., Ortonville, Minn. (Jan. '39)

**Kriz, Frank,** Div. Engr., Water Div., 1640 S. Kingshighway, St. Louis, Mo. (Jan. '38)

**Kroeber, F. Vale,** Swimming Pool Mgr., Bronxville Field Club, Locust Lane, Mount Vernon, N.Y. (July '40)

**Kroeze, H. A.,** Director, Div. of San. Eng., State Board of Health, Jackson, Miss. (Jan. '38)

**Kroschwitz, Fred,** Salesman, Mueller Co., 563 Cleardale Ave., Trenton, N.J. (July '40)

**Krull, H. M.,** *see* Sterling, City of

**Krum, Harry J.,** City Chemist, City Lab., Jefferson & Lawrence Sts., Allentown, Pa. (July '39)

**Krumm, Lloyd T.,** Supt., Woodsfield Water Co., Box 605, Woodsfield, Ohio (July '41)

**Krumm, Tahlman,** Cons. Engr., 65 Meadow Park Rd., Bexley, Columbus, Ohio (Jan. '38) ★

**Kucera, Frank J.,** Mech. Design Engr., Filtration Dept., 138 W. 70th St., Chicago, Ill. (Oct. '41)

**Kuehn, Nicholas H., Jr.,** Jr. San. Engr., Water Purif. Div., 6843 Oglesby Ave., Chicago, Ill. (Jan. '40)

**Kuester, John H.,** Supt., Water Works, 370 Naymut St., Menasha, Wis. (June '23)

**Kuhns, Hayes R.,** The Leadite Co., Killbuck, Ohio (Sept. '30)

**Kulin, Harvey J.,** Sales Engr., American Well Works, Box 5321—42nd Street Sub-Station, Indianapolis, Ind. (Oct. '39)

**Kunigk, W. A.,** Supt., Water Div., 2903 N. 26th St., Tacoma, Wash. (Aug. '24) *Director '31–32.*

**Kunkle, Charles W.,** Vice-Pres. & Gen. Mgr., Johnstown Water Co., 445 Tioga St., Johnstown, Pa. (June '24)

**Kupper, Charles J.,** Cons. Engr., 15 Stelton Rd., New Market, N.J. (June '29)

**Kuranz, A. P.,** Supt., Water Dept., Waukesha, Wis. (Oct. '31) *Fuller Award '41.*

**Kurtz, Harold I.,** Supt., Sewage Treatment Plant, Box 924, Butler, Pa. (July '41)

**Kurtz, William C.,** Chemist, Western New York Water Co., Woodlawn Station, Lackawanna, N.Y. (May '30)

**Kydd, Paul M.,** Pres., Jamaica Water Supply Co., 161-20—89th Ave., Jamaica, N.Y. (Dec. '31)

**Laase, William F.,** Asst. Engr., New York City Dept. of Water Supply, Gas & Electricity, 142-26—32nd Ave., Flushing, N.Y. (May '24)

**Labsap, A. H.,** Water Supt., Longview, Wash. (Dec. '27)

**LaDue, Wendell R.,** Chief Engr. & Supt., Bureau of Water & Sewerage, 100 Municipal Bldg., Akron, Ohio (July '34) *Fuller Award '39. Director '40-'42.*

**La Fayette Water Works,** Glen J. Garman, Supt., La Fayette, Ind. (Corp. M. Dec. '37)

**Lafreniere, Theo. J.,** San. Engr., Quebec Board of Health, 89 Notre Dame, E., Montreal, Que., Can. (June '16) *Fuller Award '40.*

**Laguna Beach County Water Dist.,** G. W. Prior, Laguna Beach, Calif. (Corp. M May '27)

**Lake Forest Water Dept.,** G. Leland Watson, Supt., City Hall, Lake Forest, Ill. (Corp. M. May '27)

**Lake, Madeline Lynch (Mrs.),** Water Bacteriologist, Dept of Water & Power, Box 3669 Terminal Annex, Los Angeles, Calif. (Oct. '34)

**Lake, Town of, Water Utility Board,** Clarence F. Schroeder, Registrar, 4001 S. 6th St., Town of Lake, Milwaukee, Wis. (Corp. M. Jan. '41)

**LaLiberte, Paul,** *see* Cutler-Magner Co.

**Lamar, W. B.,** Chief Engr., Munic. Light & Water Dept., 806 Cynthia St., Poplar Bluff, Mo. (Jan. '40)

**Lamar, William L.,** Assoc. Chemist, U.S. Geological Survey, Washington, D.C. (Jan. '37)

**LaMarre, Rene J.,** Supervisor of Filtration, Detroit Dept. of Water, 8300 W. Warren Ave., Dearborn, Mich. (Jan. '35)

**Lamb, Carter H.,** Valuation Engr., Jamaica Water Supply Co., 161-20—89th Ave., Jamaica, N.Y. (Jan. '38)

**Lambert, Carl F.,** Utility Engr. & Consultant, 807 Biscayne Bldg., Miami, Fla. (Apr. '30)

**La Mesa, Lemon Grove & Spring Valley Irrigation Dist.,** Chester Harritt, Chief Engr. & Gen. Mgr., 4769 Spring St., La Mesa, Calif. (Corp. M. Apr. '39)

**Lamond, A. W.,** Water Analyst, Alexandria Water Co., R.F.D. 3, Alexandria, Va. (Feb. '32)

**LaMotte Chemical Products Co.,** Frank L. LaMotte, Pres., Towson, Baltimore, Md. (Assoc. M. May '26)

**LaMotte, Frank L.,** *see* LaMotte Chemical Products Co.

**Lampley, J. H.,** Mgr., Board of Water Comrs., Hendersonville, N.C. (Aug. '26)

**Lampman, K. J.,** Water Works Supt., Public Utilities Com., Exeter, Ont. Can. (Jan. '37)

**Landgraf, Geo. F.,** Water Dept. Engr., City Hall, Royal Oak, Mich. (Apr. '39)

**Lane, John C.,** Sales Engr., Johns-Manville Sales Corp., 116 New Montgomery St., San Francisco, Calif. (Jan. '41)

**Lanford, Carl C.,** Supt., Com. of Public Works, Greer, S.C. (Oct. '41)

**Lang, Franklin,** Vice-Pres. & Gen. Mgr., Feedwaters, Inc., 140 Cedar St., New York, N.Y. (Feb. '30)

**Lang, Warner J.,** *see* Waterloo Water Works

**Langdon, Paul E.,** Greeley & Hansen, 6 N. Michigan Ave., Chicago, Ill. (Oct. '41)

**Langelier, Wilfred F.,** Assoc. Prof. of San. Eng., Univ. of California, Berkeley, Calif. (Feb. '23)

**Langner, Arnold W.,** Supt., Light & Water Dept., 105 Guilford St., Sheboygan Falls, Wis. (Oct. '41)

**Langston, J. H.,** Mfr.'s Agent, 311½ Zack St., Tampa, Fla. (July '38)

**Langton, Bernard,** Tech. Sales-San. Engr., Monsanto Chemical Co., Everett, Mass. (Oct. '41)

**Lansing Board of Water & Elec. Light Comrs.,** Otto E. Eckert, Gen. Mgr., Lansing, Mich. (Corp. M. June '29)

**La Porte Water Works,** Arthur Baker, Supt., Lake & Tyler Sts., La Porte, Ind. (Corp. M. July '37)

**Larkins, Thos. Hart,** Supt. of Filtration, East Liverpool, Ohio (May '29)

**Larson, Harry,** Major, Corps of Engrs., War Dept., 510 S. 40th St., Tacoma, Wash. (Oct. '41) ★

**Larson, Linné C.,** Jr. Mech. Engr., Dept. of Water & Power, 3425 Amesbury Rd., Los Angeles, Calif. (Apr. '36)

**Larson, Thurston E.,** Chemist, Illinois State Water Survey, Urbana, Ill. (July '37)

**Lasell, Fred B.,** Chemist, Metropolitan Utilities Dist., 3023 Bondesson St., Omaha, Neb. (Jan. '34)

**Lassiter, Leroy Irving,** San. Engr., Consolidated Board of Health, Wilmington, N.C. (May '26)

**Lasso, Alfredo F.,** Ing. Civ., Presidente Roca 736, Rosario de Santa Fe, Argentina (Sept. '17)

**Latham, James K.,** Assoc., Howard K. Bell, Cons. Engrs., 553 S. Limestone St., Lexington, Ky. (Oct. '39)

**Lathrop, Thomas R.,** San. Engr., 2328 Arlington Ave., Columbus, Ohio (Jan. '25) *Fuller Award '40.*

**Latour y Ollivier, Asterio,** Secretaria de Sanidad, Lefe Local de Sanidad de la Habana, su Razaro 370 Bajos, Havana, Cuba (July '38)

**Latta, John,** *see* Northeastern Water & Elec. Service Corp.

**Laudemann, Harry M.,** Chief Chemist, Water Supply Dept., Chesapeake & Ohio Ry. Co., 612 Ninth Ave., Huntington, W.Va. (Jan. '39)

**Lauer, C. O.,** Pres. & Gen. Mgr., Gardiner Elec. Light & Water Co., Gardiner, Mont. (July '31)

**Laughlin, Henry F.,** Research Chemist, Industrial Chemical Sales Div., 470 Park Ave., Tyrone, Pa. (Jan. '36)

**Launer, Nelson M.,** Mgr., 2505 E. Whittier Blvd., Whittier, Calif. (Oct. '37)

**Launer, R. E.,** *see* Hillside Distribution Co.

**Lauster, Kenneth C.,** Acting Director, Div. of Eng., State Dept. of Health, Bismarck, N.D. (Jan. '42)

**Lauter, Carl J.,** Chem. Engr., Washington Filtration Plants, Dalecarlia Filter Plant, Washington, D.C. (Apr. '22)

**Lautz, W. E.,** Secy. & Mgr., Pekin Water Works, Pekin, Ill. (Nov. '15)

**Laux, Paul C.,** *see* Anderson, City of

**Lavelle, John,** Asst. Supt. of Meters & Services, Bureau of Water Works & Supply, Box 3669 Terminal Annex, Los Angeles, Calif. (Oct. '32)

**Law, Woodruff,** Filter Plant Foreman, Baldwin Filtration Plant, 11322 Mt. Overlook Ave., Cleveland, Ohio (Jan. '40)

**Lawing, O. T.,** Box 334, Greer, S.C. (July '35)

**Lawlor, Joseph P.,** Pres., General Filter Co., Ames, Iowa (Jan. '36)

**Lawrence City Water Dept.,** Frank E. Wiley, Supt., City Hall, Lawrence, Kan. (Corp. M. Feb. '27)

**Lawrence, Frederick H.,** 145 W. Sharpnack St., Germantown, Philadelphia, Pa. (Mar. '24)

**Lawrence, H. C.,** Water Supt., Powell Valley Rd. Water Dist., R. 14, Box 579, Portland, Ore. (Affil. Jan. '40)

**Lawrence, R. E.,** Cons. Engr., 1727 Massachusetts Ave., N.W., Washington, D.C. (May '28)

**Lawrence, Robert L., Jr.,** Supt. & Chief Engr., Water Works Dept., City Hall, Nashville, Tenn. (June '34)

**Lawson, Hugh C.,** Sales Mgr., Los Angeles Branch, Rensselaer Valve Co., 743 Subway Terminal Bldg., Los Angeles, Calif. (Apr. '37)

**Lawson, Oscar,** *see* Mimico Public Utilities Com.

**Lawson, Wilfrid S.,** Chief Penitentiaries Engr., Dept. of Justice, Ottawa, Ont., Can. (Apr. '42)

**Lawton, Ralph W.,** 1930 W. Olympic Blvd., Los Angeles, Calif. (July '06) *Honorary M. '38.*

**Layne & Bowler, Inc.,** J. G. Gordon Jr., Pres., Memphis, Tenn. (Assoc. M. June '16)

**Layne-Atlantic Co.,** R. R. Schweitzer, Chief Engr., 633 New Monroe Bldg., Norfolk, Va. (Assoc. M. Apr. '30)

**Layson, C. S.,** *see* Harlan Munic. Water Works

**Lea, William S.,** Cons. Engr., 1226 University St., Montreal, Que., Can. (Jan. '24)

**Lead Industries Assn.,** F. E. Wormser, Secy., 420 Lexington Ave., New York, N.Y. (Assoc. M. Jan. '38)

**Lead Lined Iron Pipe Co.,** Thomas E. Dwyer, Box 150, Wakefield, Mass. (Assoc. M. Oct. '98)

**Leadite Co., Inc., The,** George McKay Jr., Pres., Girard Trust Company Bldg., Philadelphia, Pa. (Assoc. M. Feb. '10)

**Learned, Albert P.,** Asst. Engr., Black & Veatch, Cons. Engrs., 4706 Broadway, Kansas City, Mo. (May '22)

**Leaver, Robert E.,** Dist. Public Health Engr., State Dept. of Health, 526 Hutton Bldg., Spokane, Wash. (Jan. '41)

**Leavitt, William F.,** Gen. Foreman, Fresno City Water Dept., 1926 Tuolumne St., Box 512, Fresno, Calif. (Oct. '38)

**Le Bosquet, M., Jr.,** Sr. Public Health Engr., U.S. Public Health Service, E. Third & Kilgour Sts., Cincinnati, Ohio (July '35)

**Lechner, Bernard J.,** Secy. & Treas., Comrs. of Water Works, 701 French St., Erie, Pa. (July '29)

**LeClerc, Arthur B.,** Sales Engr., T. C. Heyward, 1408 Independence Bldg., Charlotte, N.C. (Jan. '40)

**Ledbetter, Charles M.,** San. Engr., State Board of Health, Jackson, Miss. (Oct. '39)

**Lee, Charles H.,** Cons. Hydr. Engr., 58 Sutter St., San Francisco, Calif. (Mar. '12)

**Lee, David B.,** Chief Engr., State Board of Health, Box 210, Jacksonville, Fla. (July '41) ★

**Lee, Frank O.,** City Engr., St. Petersburg, Fla. (July '35)

**Lee, Scott M.,** Supt., City Water Dept., 58 Newman Ave., Arcadia, Calif. (June '27)

**Lee, W. H., Jr.,** Bottlers' Service Dept., The Coca-Cola Co., 310 North Ave., N.W., Drawer 1734, Atlanta, Ga. (Jan. '42)

**Lee, W. Howard,** Comr., Dept. of Public Works, Parsippany Troy Hills, Box 85, Denville, N.J. (Oct. '40)

**Lee, W. S., Jr.,** Pres., W. S. Lee Engineering Corp., Power Bldg., Charlotte, N.C. (Jan. '36)

**Leh, Willard,** Assoc. San. Engr., 1376 Perkiomen Ave., Reading, Pa. (Apr. '39) ★

**Leifgren, A. H.,** *see* National Soap & Chemical Co.

**Leisen, Theodore A.,** 50 Moross Rd., Grosse Pointe Farms, Detroit, Mich. (June '04) *Vice-Pres. '12–'13, '17. Trustee '14–'16, '27–'29. President '18. Exec. Com. '19–'20. Director '36–'38. Honorary M. '38.*

**Leistikow, Wm. F.,** Supt., Water Works, City Hall, Wausau, Wis. (Jan. '41)

**Leland, Benn J.,** San. Engr., Cook County Public Health Unit, 737 S. Wolcott Ave., Chicago, Ill. (Jan. '42)

**Leland, Raymond I.,** State Dept. of Public Health, 404 Smith Bldg., Freeport, Ill. (Jan. '39)

**Le May, Andy L.,** Water Supt., Oroville, Wash. (Jan. '39)

**Lemert, R. C.,** Sales Agent, U.S. Pipe & Foundry Co., 2105 Bryand Bldg., Kansas City, Mo. (Oct. '39)

**Lendall, Harry N.,** Head of Dept. of Civ. Eng. and Prof. of Munic. & San. Eng., College of Engineering, Rutgers Univ., New Brunswick, N.J. (Mar. '23) *Director '42–'44.*

**Lenert, L. G.,** Assoc. Engr., Malaria Control, State Dept. of Public Health, 245 State Office Bldg., Atlanta, Ga. (Mar. '32) *Director '32–'36.*

**Lenhardt, Laurence G.,** Gen Mgr., Dept. of Water Supply, 735 Randolph St., Detroit, Mich. (June '20) *Fuller Award '40. Director '42–'44.*

**Leon D., Ernesto,** Chief of Water Works Div., Ministry of Public Works, Apdo. 1404, Caracas, Venezuela (Apr. '40)

**Leonard, James M.,** Supt., Virginia & Gold Hill Water Co., Virginia City, Nev. (May '30)

**Leonard, W. V.,** Director, Div. of San. Eng., Idaho Dept. of Public Health, Boise, Idaho (Apr. '39)

**Le Roy, Thomas H.,** *see* Franklin Square Water Com.

**Leshkow, Nick,** Plant Operator, West Virginia Water Service Co., 1008 Christie Ave., Princeton, W.Va. (Affil. Jan. '41)

**Lesslie, J. Dixon,** Chemist in Charge of Water Works, Rock Hill, S.C. (Apr. '42)

**Lester, John,** Chem. Engr., 557 Beverley Court, Tallahassee, Fla. (Jan. '39)

**Leveque, Roland J.,** Phipps & Bird, Inc., 915 E. Cary St., Richmond, Va. (Apr. '38)

**Leverin, Harald A.,** Chem. Engr., Mines Branch, Dept. of Mines, Ottawa, Ont., Can. (Jan. '36)

**Levine, Max,** Prof. in Charge, Dept. of Bacteriology, Iowa State College, Ames, Iowa (Nov. '21) ★

**Levy, A. G.,** Engr. of Constr. & Surveys, 2840 E. 132nd St., Cleveland, Ohio (May '10)

**Levy, A. Zabdiel,** Assoc. Engr., Bureau of Water Supply, 2605 N. Hilton St., Baltimore, Md. (Jan. '40)

**Lewanda, William,** Bottlers' Service Dept., The Coca-Cola Co., 310 North Ave., N.W., Drawer 1734, Atlanta, Ga. (Jan. '42)

**Lewis, Albert W.,** Resident Mgr., U.S. Pipe & Foundry Co., 1150 E. 26th St., Cleveland, Ohio (Jan. '39)

**Lewis, Fred E.,** Filter Plant Operator, 707 Washington St., Huntingburg, Ind. (Affil. Oct. '38)

**Lewis, Fred J.,** Dean, School of Eng., Kirkland Hall, Vanderbilt Univ., Nashville, Tenn. (Jan. '39)

**Lewis, Geo. A.,** Hydrographer, Box 47, Independence, Calif. (July '34)

**Lewis, J. E.,** Supt., Yorba Linda Water Co., Yorba Linda, Calif. (Oct. '29)

**Lewis, John V.,** Dept. of Public Works, 54 Court St., Rochester, N.Y. (Feb. '21)

**Lewis, Ray Cherry,** Southeastern Mgr., Neptune Meter Co., 2543 Spring St., N.W., Atlanta, Ga. (Jan. '41)

**Lewis, Robert F.,** Reservoir Keeper-in-Charge, Bureau of Water Works & Supply, 543 N. Irving Blvd., Los Angeles, Calif. (Jan. '39)

**Lewis, W. M.,** Dist. Mgr., Layne-New York Co., 529 Market St., Camden, N.J. (Jan. '37)

**Ley, Peter,** Engr., Jamaica Water Supply Co., 161-20—89th Ave., Jamaica, N.Y. (Jan. '36)

**Libbey-Owens-Ford Glass Co.,** V. W. Frederick, Chemist, Rossford, Ohio (Corp. M. Oct. '41)

**Libby, Frank D.,** Chemist, Kalamazoo Vegetable Parchment Co., Kalamazoo, Mich. (May '23)

**Liffen, John James,** Exec. Engr., Associated London Properties, Ltd., St. Ermins, Caxton St., Westminster, London, England (July '38)

**Lilue, Enrique E.,** Asst. Engr., Ministry of Public Works, Box 486, Caracas, Venezuela (Oct. '39)

**Limestone Products Corp. of America,** Robert L. Quait, Director of Research & Sales, Newton, N.J. (Assoc. M. Apr. '41)

**Lincoln City Water & Light Dept.,** City Hall, Lincoln, Neb. (Corp. M. Mar. '19)

**Linden, H. E.,** *see* Technicraft Engineering Co.

**Linderman, S. E.,** U.S. Pipe & Foundry Co., 2122 Koppers Bldg., Pittsburgh, Pa. (Jan. '37)

**Lindner, J. Leonard,** *see* Bayonne, City of, Water Dept.

**Lindsay, Alex,** *see* Spokane, City of

**Lindsey, Jack C.,** Water Operations Supt., Water Dept., 323 Co-City Bldg., Seattle, Wash. (Jan. '39)

**Lindsten, H. C.,** Dist. Mgr., Wallace & Tiernan, Ltd., 301 Bank of Hamilton Bldg., Winnipeg, Man., Can. (Dec. '29)

**Link, Chas. L.,** Mgr., City Water Works, Elkhart, Ind. (Jan. '35)

**Lippincott, J. B.,** Cons. Engr., 714 W. Olympic Blvd., Los Angeles, Calif. (Jan. '36)

**Lischer, Vance C.,** Engr. in Charge of Production, St. Louis County Water Co., 6600 Delmar, St. Louis, Mo. (Jan. '35) *Goodell Prize '38.*

**Little, B. C.,** 94 Westminster Rd., Rochester, N.Y. (June '03) *Trustee '18–'20. President '21. Exec. Com. '22–'23. Secretary '26–'36. Secretary Emeritus '36–. Honorary M. '39.*

**Little Rock Munic. Water Works,** Dan M. Boone, Municipal Auditorium, Little Rock, Ark. (Corp. M. Jan. '38)

**Livingston Water Dept.,** Ernest J. Bear, Supervisor of Water & Sewers, 107 Hillside Ave., Livingston, N.J. (Corp. M. Jan. '38)

**Livingstone, Bard,** *see* San Bernardino Board of Water Comrs.

**Lloyd, Ernest B.,** Chief Engr. & Chemist, Water Works, Elgin, Ill. (July '35)

**Lloyd, J. M.,** Supt. Water Dept., City Hall, Tyler, Tex. (Oct. '39)

**Lobley, Geo. W.,** 327 Maple St., Hammonton, N.J. (July '35)

**Lochridge, Elbert E.,** Engr., Water Dept., Box 1867, Springfield, Mass. (July '06)

**Lock Joint Pipe Co.,** F. F. Longley, Vice-Pres., Box 21, Ampere, N.J. (Assoc. M. Oct. '15)

**Lockwood, Frank G.,** Mgr., Lockwood & Co., Calle Moreno 750, Buenos Aires, Argentina (Jan. '42)

**Lofton, H. M.,** Gen. Mgr. & Treas., Columbian Iron Works, Chattanooga, Tenn. (May '95) *Honorary M. '40.*

**Logan, J. Ross,** *see* Haddonfield Borough Water Dept.

**Lohman Bros., Inc.,** Frank Carlton, 1449 S. San Pedro St., Los Angeles, Calif. (Assoc. M. July '39)

**Lompoc Light & Water Dept.,** E. A. Vaughan, Mgr., 118 N. H St., Lompoc, Calif. (Corp. M. Apr. '30)

**Londo, Harold L.,** *see* Green Bay Water Dept.

**London Public Utilities Com.,** C. Eastwood, Office Mgr., City Hall, London, Ont., Can. (Corp. M. Apr. '09)

**Long Beach Water Dept.,** G. R. Wade, Gen. Mgr., 403 Municipal Utilities Bldg., Long Beach, Calif. (Corp. M. Oct. '31)

**Long, John S.,** Supt. of Water, Tampa, Fla. (May '33)

**Long, Lester,** *see* American Cast Iron Pipe Co.

**Longley, F. F.,** Vice-Pres., Lock Joint Pipe Co., Box 21, Ampere, N.J. (July '07)

**Longwell, John S.,** Chief Engr. & Gen. Mgr., East Bay Munic. Utility Dist., 512—16th St., Oakland, Calif. (Oct. '31)

**Lord, Charles H.,** City Engr., 110 Crescent Pl., Ogdensburg, N.Y. (June '29)

**Lordley, H. E.,** Plant Mgr., Filtration Plant, Rothesay Rd., Richmond, Va. (Jan. '36) ★

**Los Angeles Dept. of Water & Power,** H. A. Van Norman, Gen. Mgr. & Chief Engr., Bureau of Water Works & Supply, Box 3669 Terminal Annex, Los Angeles, Calif. (Corp. M. Apr. '10) *Director '40–'42.*

**Losee, James R.,** Engr. & Supt., Tarrytown Water Works, 21 Wildey St., Tarrytown, N.Y. (July '28)

**Louden, Harry C.** Director, Fairmont Water Dept., Municipal Bldg., Fairmont, W.Va. (Jan. '42)

**Loudenback, C. I.,** Chem. Engr., Dearborn Chemical Co., 310 S. Michigan Ave., Chicago, Ill. (Apr. '42)

**Louis, Leo,** San. Engr., State Board of Health, 1098 W. Michigan St., Indianapolis, Ind. (Jan. '42)

**Louisville Water Co.,** Henry M. Gerber, Pres., 435 S. Third St., Louisville, Ky. (Corp. M. Apr. '09)

**Lourie, G. E.,** Water Works Supt., Box 1079, Bristol, Conn. (Sept. '23)

**Lovejoy, J. W.,** Supt., Water & Light System, Laurens, S.C. (Apr. '30)

**Lovejoy, Walter L.,** City Engr. & Water Supt., 611 Third St., Hoquiam, Wash. (Jan. '36)

**Lovejoy, Wm. H.,** Supt. of Filtration, Crescent Hill Plant, Louisville Water Co., Louisville, Ky. (June '08)

**Loveland, Chester H.,** Cons. Engr., 1010 Bank of Italy Bldg., San Francisco, Calif. (Oct. '24)

**Loveland, City of,** L. C. Osborn, City Engr., Loveland, Colo. (Corp. M. Apr. '26) *Director '35–'37.*

**Lovell Joe W.,** Murfreesboro Water Dept., Box 144, Murfreesboro, Tenn. (July '38)

**Loving, M. W.,** *see* American Concrete Pipe Assn.

**Lowe, Geo. R., Jr.,** Secy. & Gen. Mgr., Columbus Water Works, Columbus, Ga. (Jan. '38)

**Lowe, Thomas M.,** Head Prof., Dept. of Civ. Eng., Alabama Polytechnic Institute, Auburn, Ala. (Jan. '37)

**Lower, J. R.,** Chemist-in-Charge, Bucyrus Water Works, Bucyrus, Ohio (Sept. '27)

**Lowery, J. D.,** *see* American Cyanamid & Chemical Corp.

**Lowther, Burton,** Cons. Engr., 710 Colorado Bldg., Denver, Colo. (June '21) *Director '32–'34.*

**Loyd, H. J.,** Supt., Connersville Water Works, 1330 Grand Ave., Connersville, Ind. (Oct. '41)

**Lozada, L. A.,** Chemist, Dept. of Public Works, Apdo. 1814, Caracas, Venezuela (Jan. '41)

**Lozier, William S.,** Cons. Engr., 10 Gibbs St., Rochester, N.Y. (July '35)

**Lubow, Louis A.,** Chemist, Water Dept., 1012 N. Gregson St., Durham, N.C. (Apr. '39) ★

**Luby, William,** *see* Troy Bureau of Water

**Lucas, James H.,** York Village, Me. (July '35)

**Luce, Arthur T.,** New York Water Service Corp., 90 Broad St., New York, N.Y. (Apr. '19)

**Lucey, Patrick J.,** Box 2, Des Plaines, Ill. (July '39)

**Luchessa, J. J.,** Mech. Supt., Miami Copper Co., Box 100, Miami, Ariz. (Jan. '40)

**Ludlow, R. S.,** Supt., Kendallville Light & Water Dept., Kendallville, Ind. (Oct. '39)

**Ludlow Valve Mfg. Co.,** Troy, N.Y. (Assoc. M. Mar. '82)

**Ludwig, Harvey F.,** 1222 Evelyn St., Berkeley, Calif. (July '39)

**Luebbers, Ralph H.,** Chem. Eng. Dept., Univ. of Missouri, Columbia, Mo. (Jan. '36) ★

**Lugo, Miguel Viloria,** Chief Engr. of Water System, Ministry of Public Works, Calle Real de Sabana Grande 245, Caracas, Venezuela (Oct. '39)

**Lugo, Tomas A.,** Draftsman, Dept. of Water & Power, Box 3669 Terminal Annex, Los Angeles, Calif. (Oct. '34)

**Luippold, G. T.,** Mgr., Luippold Engineering Sales Co., 405 N. Kilkea Drive, Los Angeles, Calif. (Feb. '24)

**Lund, Armon,** Asst. Chemist, City Water Dept., Lincoln St. & Sheridan Rd., Evanston, Ill. (Jan. '41)

**Lundberg, A. T.,** Chief Engr., Arlington County Water Dept., Courthouse, Arlington, Va. (Jan. '36)

**Lundquist, Harry,** Repr., Neptune Meter Co., 5228 Brookview Ave., Edina, Minneapolis, Minn. (July '35)

**Luther, Robert W.,** Plant Supt., Public Utility Com., Box 56, Elizabeth City, N.C. (Jan. '30)

**Luthin, John C.,** Asst. Engr., Hydr. Div., California Railroad Com., 512 Scenic Ave., Piedmont, Calif. (Jan. '40)

**Lutz, Howland C.,** Asst. Public Health Engr., U.S. Public Health Service, Glen Rock, Pa. (July '39)

**Lyle, Newton B.,** Scranton-Spring Brook Water Service Co., 135 Jefferson Ave., Scranton, Pa. (June '26)

**Lyles, Joseph E.,** Chemist, Tampa Filtration Plant, Tampa, Fla. (Jan. '27) *Fuller Award '38.* ★

**Lyman, William J.,** Southern Sales Mgr., National Cast Iron Pipe Co., Box 2542, Birmingham, Ala. (Jan. '36)

**Lynchburg Foundry Co.,** C. R. Spencer, Asst. Gen. Sales Mgr., Lynchburg, Va. (Assoc. M. June '16)

**Lynde, Earl J.,** Asst. Engr., Pasadena Water Dept., 319 City Hall, Pasadena, Calif. (Jan. '41)

**Lyndes Harry E.,** Mgr., Los Angeles Office, General Chemical Co., 1031 S. Broadway, Los Angeles, Calif. (Jan. '41)

**Lynn, A. B.,** Mgr., South Pittsburgh Water Co., 238 Brownsville Rd., Pittsburgh, Pa. (May '30)

**Lyon, Lawrence H.,** Supt., California Water & Telephone Co., 439 Tyler St., Monterey, Calif. (Oct. '38)

**Lyon, Martin,** Supt., Water & Elec. Plant, Clintonville, Wis. (Oct. '41)

**Lysons, Edw.,** Supt., Water Dept., 429 Glen St., Snohomish, Wash. (July '40)

**M & H Valve & Fittings Co.,** J. W. Spradley, Sales Mgr., Anniston, Ala. (Assoc. M. Feb. '30)

**Maas, W. A.,** Supt. of Public Works, City Hall, Lindsay, Calif. (Oct. '41)

**Mabbs Hydraulic Packing Co.,** John W. Mabbs, 431 S. Dearborn St., Chicago, Ill. (Assoc. M. May '23)

**Mabbs, John W.,** *see* Mabbs Hydraulic Packing Co.

**Mabee, William C.,** Chief Engr., Indianapolis Water Co., 113 Monument Circle, Indianapolis, Ind. (Dec. '24) *Director '36–'37. Diven Medal '38. Fuller Award '38.*

**MacDonald, C. C.,** Secy., West Virginia Water Service Co., 814 Peoples Bank Bldg., Charleston, W.Va. (Oct. '29)

**MacDonald, Edward,** Comr., Water Dept., Melvindale, Mich. (Aug. '32)

**MacDonald, Emmett,** Mgr., Illinois Water Service Co., Sterling, Ill. (June '04)

**MacDonald, Gerald C.,** Director of Wards Bureau of Standards, Montgomery Ward & Co., 618 W. Chicago Ave., Chicago, Ill. (Jan. '41)

**MacDonald, R. I.,** Asst. Engr., Alvord, Burdick & Howson, 1401 Civic Opera Bldg., Chicago, Ill. (Oct. '41)

**MacDonald, W. E.,** City Water Works Engr., 330 Driveway, Ottawa, Ont., Can. (May '17)

**MacDowell, Rollin F.,** Cons. San. Engr., 401 Chester-Twelfth Bldg., Cleveland, Ohio (July '37)

**Mace, H. H.,** 2805 Digby Ave., Cincinnati, Ohio (Oct. '37)

**Mace, O. E.,** Chief Chemist, Pere Marquette Ry. Co., Wyoming Yards, Grand Rapids, Mich. (Aug. '33)

**MacGregor, John Cameron,** Mgr., Jewell Filter Co., Ltd., Mercantile Bldgs., Calcutta, India (Jan. '39)

**Machado, Luis,** Secy., Acueducto de Colon, S.A., Obrapia 167, Havana, Cuba (Jan. '41)

**MacKall, Murray R.,** Hydr. Engr., California Railroad Com., 368 State Bldg., San Francisco, Calif. (May '27)

**MacKenzie, James T.,** Chief Metallurgist, American Cast Iron Pipe Co., Box 2603, Birmingham, Ala. (Jan. '40)

**MacLachlan, A.,** 1740 E. 12th St., Cleveland, Ohio (July '38)

**MacLaren, James F.,** Gore & Storrie, Cons. Engrs., 1130 Bay St., Toronto, Ont., Can. (Jan. '35)

**MacNicol, N.,** *see* Forest Hill Water Works System

**Macon Board of Water Comrs.,** Cliff T. Williamson, City Hall, Macon, Ga. (Corp. M. Apr. '29)

**Macpherson, Roderick,** Pres., Illinois Munic. Water Co., Robinson, Ill. (Jan. '41)

**Macqueen, Philip O.,** 3031 Sedgwick St., N.W., Washington, D.C. (May '24)

**MacTaggart, A. B.,** *see* Rusta Restor Corp.

**Maddox, A. K.,** Field Repr., Reconstruction Finance Corp., 2905 Peachtree Rd., Atlanta, Ga. (Affil. Apr. '41)

**Madison Suburban Utility Dist. of Davidson County,** Madison, Tenn. (Corp. M. Apr. '38)

**Maffitt, Dale L.,** Secy & Gen. Mgr., Des Moines Water Works, Des Moines, Iowa (Apr. '18)

**Maffitt, Howard C.,** Cons. Chemist, 522-26 Eleventh St., Des Moines, Iowa (Dec. '26)

**Maggs, Percy J.,** Water Works Supt., Wetaskiwin, Alta., Can. (Jan. '37)

**Magwood, W. H.,** Town Engr., Cornwall, Ont., Can. (Jan. '42)

**Mahlie, Winfield S.,** Chemist-in-Charge, Filtration Plant, Fort Worth, Tex. (Feb. '23)

**Mahoney, Thomas H.,** Supt., Water Dept., 245 Broadway, Methuen, Mass. (Oct. '39)

**Maier, Franz J.,** Assoc. Public Health Engr., U.S. Public Health Service, Sub-Treasury Bldg., Pine & Nassau Sts., New York, N.Y. (Jan. '41)

**Mailler, John P.,** Chief Engr., Northeastern Water & Elec. Service Co., 61 Broadway, New York, N.Y. (Apr. '39)

**Main, T. C.,** Asst. Engr., Water Supt., Canadian National Rys., 458 Union Station, Winnipeg, Man., Can. (Jan. '37)

**Malcolm, William Lindsey,** Director, School of Civ. Eng., Cornell Univ., Ithaca, N.Y. (Mar. '34)

**Malcor, W. E.,** Supt., Water Dept., 515 Sepulveda Blvd., Manhattan Beach, Calif. (Apr. '36)

**Mallalieu, Willard,** Jersey City Water Works, Box 188, Boonton, N.J. (Dec. '14)

**Mallery, Melvin,** Dist. Mgr., Public Service Co. of Indiana, Crawfordsville, Ind. (Jan. '42)

**Mallmann, Walter LeRoy,** Dept. of Bacteriology, Michigan State College, East Lansing, Mich. (Jan. '38) *Fuller Award '41.*

**Malloy, F. O.,** Supt., Water Works, Edgeley, N.D. (Jan. '41)

**Malmö Stads Vatten- och Avloppsverk,** Alfred Jerden, Chief Engr., Malmö, Sweden (Corp. M. July '21)

**Malone, J. R.,** Chemist, Durham Water Dept., 1312 N. Gregson St., Durham, N.C. (Oct. '39)

**Malster, E. L.,** Mgr., York Water Co., York, Neb. (Jan. '40)

**Mamrelli, Emil S.,** Asst. Civ. Engr., Bureau of Water Works & Supply, Box 3669 Terminal Annex, Los Angeles, Calif. (Oct. '34)

**Manahan, Elmer G.,** Cons. Engr., 35 Ridgeway St., Mount Vernon, N.Y. (June '09)

**Mangun, L. B.,** Chemist-in-Charge, Water Purif., Kansas City, Kan. (Feb. '20)

**Manhasset-Lakeville Water Dist.,** Board of Water Comrs., George L. Gehrig, Secy., 3 Gaynor Ave., Manhasset, N.Y. (Corp. M. July '41)

**Manila Metropolitan Water Dist.,** Gregorio De Leon, Chief Engr., Manila, P.I. (Corp. M. July '37)

**Mann, Karl,** *Water Works Engineering,* 24 W. 40th St., New York, N.Y., (Oct. '37)

**Manock, Foster T.,** 912 Pershing Square Bldg., 448 S. Hill St., Los Angeles, Calif. (Nov. '32)

**Mansfield, Myron G.,** Vice-Pres., Morris Knowles, Inc., 1312 Park Bldg., Pittsburgh, Pa. (June '24)

**Manson, A. B.,** Gen. Mgr., Public Utility Com., Stratford, Ont., Can. (Feb. '30)

**Mara, Anthony,** Supt. of Public Works, Township of Parsippany Troy Hills, Boonton, R.D., N.J. (Apr. '39)

**Marckmann, O. W.,** Marckmann & Williams, Inc., Box 3085, Seattle, Wash. (Apr. '38)

**Marcott, D. G.,** Supt., Water Dept., Columbus, Mont. (Jan. '41)

**Margolin, Dorothy A. (Mrs.),** Chemist, Bureau of Water Works & Supply, 9312 Denker Ave., Los Angeles, Calif. (Jan. '41)

**Marquis, J. K.,** Engr. in Charge of Plant, Spartanburg Water Works, R. No. 2, Chesnee, S.C. (July '30) *Director '38–'40.*

**Mars, A. D., Jr.,** Mgr., Neptune Meter Co., Box 5210, Denver, Colo. (Dec. '26)

**Marsden, Arthur B.,** Manchester Center, Vt. (July '35)

**Marsh, Harry M.,** Pres., W. J. Westaway Co., Ltd., Hamilton, Ont., Can. (July '41)

**Marsh, John A.,** Chemist, Baldwin Filtration Plant, 11216 Fairhill Rd., Cleveland, Ohio (Apr. '37)

**Marshall, L. A.,** Supt., Division Filtration Plant, Division Ave. & W. 32nd St., Cleveland, Ohio (May '21)

**Marshall, W. B.,** *see* Chain Belt Co.

**Marston, Frank A.,** Cons. Engr., Metcalf & Eddy, Cons. Engrs., 1300 Statler Bldg., Boston, Mass. (Feb. '22)

**Martin, E.,** Pres., Martin & Goold Water Corp., Box 89, El Monte, Calif. (Oct. '40)

**Martin, Frank W.,** Supt. of Utilities, Munic. Power Plant, Hinsdale, Ill. (Oct. '34)

**Martin, H. B.,** Supt., Munic. Com., Mohawk, N.Y. (Jan. '38)

**Martin, Michael J.,** Chem. Engr., 395 Collins St., Melbourne C.1, Australia (Jan. '36)

**Martin, Paul H.,** Sales Repr., Neptune Meter Co., 528 Hilltonia Ave., Columbus, Ohio (Oct. '38)

**Martin, Phil J., Jr.,** City Water Supt., 224 N. Highland Ave., Tucson, Ariz. (Mar. '31)

**Martindale, R. H.,** Supt., Elec. Light & Water Works Dept., Sudbury, Ont., Can. (Jan. '29)

**Martindale, R. W.,** Pacific Coast Mgr., U.S. Pipe & Foundry Co., 907 Monadnock Bldg., San Francisco, Calif. (Nov. '23)

**Martinez, Ernest,** Mgr., Taos Munic. Water Dept., Box 135, Taos, N.M. (Apr. '42)

**Martinez, Rolando A.,** Cons. Engr., San Rafael No. 106, Antes No. 12, Havana, Cuba (Dec. '27)

**Martinez, Sergio S.,** Civ. Engr., Calle H No. 354, Vedado, Havana, Cuba (July '38)

**Martinez-Ponte, J. Raf.,** Civ. & San. Engr., Norte 14 No. 139, Caracas, Venezuela (July '30)

**Marx, Frank,** Supt., Water Dist., Highland, N.Y. (Affil. Jan. '41)

**Marysville Water Dept.,** James L. Galloway, Marysville, Mich. (Corp. M. Jan. '41)

**Marzec, Edmund J.,** 3231—4th Ave., Sioux City, Iowa (Jan. '36) ★

**Mason City Water Dept.,** C. B. Patchen, Supt., Mason City, Iowa (Corp. M. Jan. '37)

**Massena, Village of,** Board of Water Comrs., T. L. Fitzpatrick, 154 Andrews St., Massena, N.Y. (Corp. M. Oct. '40)

**Massey, Carlton C.,** Town Mgr., Salem, Va. (Jan. '39)

**Masters, C. P.,** Supt., Greenville Water Co., Greenville, Pa. (Affil. Jan. '41)

**Masterson, W. D.,** *see* San Antonio City Water Board

**Mather, Edward K.,** Cons. Civ. Engr., 309–13 Western Bldg., Mitchell, S.D. (Nov. '29)

**Matheson, D. H.,** 155 London St., S., Hamilton, Ont., Can. (May '34)

**Matheson, Stanley C.,** Supt., Comrs. of of Sewers & Water Supply, City Hall, Charlottetown, P.E.I., Can. (Jan. '42)

**Mathews, Everett R.,** 102 W. Summit, Pierre, S.D. (May '34)

**Mathews, F. Rockwell,** Water Supt., Mount Kisco, N.Y. (Jan. '34)

**Mathews, H. M.,** Supt., Water & Light Dept., Thomasville, Ga. (Oct. '39)

**Mathews, J. L.,** Mgr., New Castle Water Co., New Castle, Pa. (Oct. '40)

**Mathews, L. R.,** Supt., Three Rivers Filtration Plant & Sewage Treatment Works, Fort Wayne, Ind. (Jan. '35)

**Mathews, W. W.,** Supt., Gary Sanitary Dist., 220 W. 44th Ave., Gary, Ind. (Nov. '25)

**Mathieson Alkali Works, Inc.,** John A. Kienle, Vice-Pres., 60 E. 42nd St., New York, N.Y. (Assoc. M. Mar. '20)

**Matte, Hubert P. T.,** Cons. Engr., Worthington-Gamon Meter Co., Harrison, N.J. (July '13).

**Matter, L. D.,** 2536 Lexington St., Harrisburg, Pa. (May '23)

**Mattern, J. D.,** *see* Diamond Alkali Co.

**Matthews, Emory C.,** Secy. & Treas., Board of Water Comrs., City Hall, Macon, Ga. (Jan. '40)

**Matthews, J. C.,** R. C. Lennox, & J. C. Matthews, 418 Architects & Builders Bldg., Indianapolis, Ind. (Jan. '38)

**Matthews, William E., III,** Pres., Alabama Water Service Co., Watts Bldg., Birmingham, Ala. (Jan. '37)

**Mattinson, Frank W.,** Vice-Pres., Skenandoa Rayon Corp., 1201 Broad St., Utica, N.Y. (Jan. '39)

**Mattoon, Stanley F.,** The Anderson-Mattoon Co., Ltd., Box 246, Rededa, Calif. (May '30)

**Mattson, K. C.,** Mgr., Chem. Dept., Griffin Chemical Co., 1925 E. Olympic Blvd., Los Angeles, Calif. (July '39)

**Mattson, Walfrid T.,** Chemist & Bacteriologist, Hibbing Health Dept., 3220—2nd Ave., W., Hibbing, Minn. (Oct. '39)

**Mau, Carl F.,** Vice-Pres., California Water Service Co., Box 1150, San Jose, Calif. (Jan. '37)

**Mauch, Theo. C. M.,** Supt. of Pumping, Indianapolis Water Co., 113 Monument Circle, Indianapolis, Ind. (Dec. '24)

**Mavis, Frederic T.,** Main Engineering Bldg., State College, Pa. (Oct. '25)

**Maxwell, C. H.,** Supt. of Water, Colton, Calif. (Oct. '37)

**Maxwell, Donald H.,** Cons. Engr., Alvord, Burdick & Howson, 1401 Civic Opera Bldg., Chicago, Ill., (Feb. '17)

**Maxwell, G. E.,** *see* Simcoe Public Utilities Com.

**Maxwell, Joseph,** Office Supt., Gallitzin Boro Water Dept., Gallitzin, Pa. (July '41)

**Maxwell, Wm. A.,** Mgr., Toronto Township Water Works, Cooksville, Ont., Can. (Jan. '39)

**Mayer, Edward B.,** Asst. Civ. Engr., Dept. of Water & Power, Box 3669 Terminal Annex, Los Angeles, Calif. (Oct. '29)

**Mayhan, W. A.,** Supt. of Filtration, Little Rock Munic. Water Works, Robinson Memorial Auditorium, Little Rock, Ark. (Jan. '41)

**Mayhew, H. G.,** Chairman, Smiths Falls Water Com., 111 Beckwith St., Smiths Falls, Ont., Can. (Jan. '42)

**McAdam, S. Allen,** City Engr., 369 N. 9th St., Lebanon, Pa. (Apr. '36)

**McAlary, Allan,** Supt. & Treas., Camden & Rockland Water Co., Box 151, Rockland, Me. (Apr. '22)

**McAmis, James W.,** Supt. of Water Works, Greeneville, Tenn. (Sept. '21)

**McAndrew, Frank J.,** Mgr., St. Joseph Water Co., 825 Francis St., St. Joseph, Mo. (Jan. '40)

**McArthur, F.,** *see* Etobicoke, Township of

**McArthur, L. S.,** Vice-Pres., Texas Water Co., 112 Baurline St., Fort Worth, Tex. (Oct. '39)

**McBride, Geo. A.,** Chem. Engr., 402 E. Main St., Barrington, Ill. (July '41)

**McBride, Samuel P.,** Chemist, Shenango Valley Water Co., Sharon, Pa. (July '39)

**McBrien, Stewart R.,** Supt., Aylmer Public Utilities Com., Aylmer, Ont., Can. (Jan. '41)

**McCaffrey, Wm. A.,** Supt. of Water Works, City Hall, Oswego, N.Y. (June '20) *Director '39-41.*

**McCall, R. G.,** Asst. San. Engr., State Health Dept., 1615 Franklin Ave., Charleston, W.Va. (Affil. Jan. '39)

**McCall, R. L.,** Engr., Water Dept., Utilities Bldg., Jacksonville, Fla. (Jan. '40)

**McCambridge, J. H.,** *see* Burbank Public Service Dept.

**McCann, Gilbert D.,** Engr., Maywood Mutual Water Co., No. 3, 6155 Heliotrope Ave., Maywood, Calif. (Oct. '39)

**McCarthy, Gerald T.,** Engr.-Mgr., Cons. Engrs., C.A., Apdo. 168, Caracas, Venezuela (Apr. '42)

**McCarthy, J. Fred,** *see* McCarthy Well Co.

**McCarthy, J. J.,** Chemist, Racine Water Dept., 420—9th St., Racine, Wis. (July '37)

**McCarthy, Owen A.,** Supt. of Water Supply, Michigan & Schaefer Rd., Dearborn, Mich. (Mar. '27)

**McCarthy Well Co.,** J. Fred McCarthy, 670 Eustis St., St. Paul Minn. (Assoc. M. Oct. '41)

**McClane, J. Huston,** Hercules Powder Co., Inc., Kalamazoo, Mich. (Oct. '37)

**McClara, W. H.,** *see* Consolidated Steel Corp., Ltd.

**McCleary, E. L.,** Supt., Silverton Water Com., Silverton, Ore. (June '34)

**McClees, Joseph H.,** Water Meter Repairman-in-Charge, Bureau of Water Works & Supply, 468 Ducommun St., Los Angeles, Calif. (July '38)

**McClenahan, W. T.,** Sr. Civ. Engr., Sanitary Dist. of Chicago, 6218 University Ave., Chicago, Ill. (Apr. '14)

**McClintock, H. C.,** *see* Boulder Water Dept.

**McComb, George B.,** *see* Barrett Div.

**McCord, C. M.,** *see* Memphis Light, Gas & Water Div.

**McCormack, George A.,** Chief Engr., East Chicago Water Dept., 3324 Aldis Ave., East Chicago, Ind. (Jan. '41)

**McCoy, J. W.,** Supt. of Filtration, Munic. Light & Water Plant, Madisonville, Ky. (Jan. '40)

**McCrady, MacHarvey,** Chief of Labs., Quebec Ministry of Health, 89 Notre Dame, E., Montreal, Que., Can. (Apr. '16)

**McCreery, T. W.,** Asst. Southern Sales Mgr., U.S. Pipe & Foundry Co., 1711 Webb Crawford Bldg., Birmingham, Ala. (Jan. '36)

**McCrory, Dean E.,** Sales Repr., Pennsylvania Salt Mfg. Co., 541 Union Trust Bldg., Pittsburgh, Pa. (Apr. '39)

**McCune, Adrian,** Member of Board, Dept. of Water & Sewers, 1810 Brickell Ave., Miami, Fla. (Apr. '42)

**McCutcheon, John,** *see* North Jersey Dist. Water Supply Com.

**McDaniel, B. J.,** City Engr., City Hall, Big Spring, Tex. (July '38)

**McDiarmid, David Middleton,** Sr. Exec. Engr., Malayan Public Works Service, Kuala Lumpur, Federated Malay States (July '38)

**McDivitt, Wm. A.,** Pres., Freeport Water Co., 331—4th St., Freeport, Pa. (July '39)

**McDonald, A. Y., Mfg. Co.,** L. A. Montgomery, Sales Mgr., Box 508, Dubuque, Iowa (Assoc. M. Jan. '40)

**McDonald, F. L.,** State San. Engr., State Health Dept., State Capitol, Little Rock, Ark. (July '39)

**McDonald, Norman G.,** Gore & Storrie, Cons. Engrs., 1130 Bay St., Toronto, Ont., Can. (Jan. '35)

**McDonnell, Robert E.,** Burns & McDonnell Engineering Co., 107 W. Linwood Blvd., Kansas City, Mo. (May '13)

**McDonough, Frank J.,** Asst. Mech. Engr., City of Chicago, 811 N. Michigan Ave., Chicago, Ill. (Oct. '41)

**McDowell, Francis B., Jr.,** Asst. Mgr. & Engr., Comrs. of Public Works, Charleston, S.C. (June '29)

**McEldowney, L. E.,** Chemist, Tampa Water Dept., Tampa, Fla. (Jan. '41)

**McFarland, Charles T.,** Mech. Engr., Munic. Service Co., Dwight Bldg., Kansas City, Mo. (Apr. '40)

**McFaul, W. L.,** City Engr. & Mgr. of Water Dept., City Hall, Hamilton, Ont., Can. (Mar. '24)

**McGauhey, P. H.,** Assoc. Prof. of San. Eng., Virginia Polytechnic Institute, Blacksburg, Va. (July '38)

**McGeehin, D. J.,** Supt., Hazleton Water Co., 38 S. Church St., Hazleton, Pa. (July '35)

**McGhee, D. W.,** Mgr., Pasco Water Dept., Pasco, Wash. (Jan. '35)

**McGinnis, C. A.,** *see* Johns-Manville Sales Corp.

**McGonigale, Wm. J.,** Treas., Interstate Water Co., 203 N. Jackson St., Louisville, Ky. (Apr. '12)

**McGowan, Hugh, Jr.,** Supt., Pumping Station, 15 McKean St., Freehold, N.J. (Jan. '38)

**McGowan, John,** Sales Engr., Thompson Mfg. Co., 433 Gilpin St., Denver, Colo. (Jan. '41)

**McGrann, John Howard,** Draftsman, Chicago Bridge & Iron Co., Y.M.C.A. Box 704, Birmingham, Ala. (Jan. '41)★

**McGrath, Charles P.,** Supt. of Maint. & Constr., Dept. of Water Supply, 3451 Orleans St., Detroit, Mich. (Apr. '40)

**McGrath, Louise E. (Miss),** Vice-Pres., Booth Chemical Co., Box 203, Elizabeth, N.J. (July '39)

**McGraw, Charles E.,** Irrigation & Constr. Engr., R. Hardesty Mfg. Co., 3033 Blake St., Denver, Colo. (Jan. '40)

**McGuire, M. H.,** *see* McMinnville Water & Light Dept.

**McGuire, Orla E.,** Designing Engr., U.S. Marine Air Base, Cherry Point, N.C. (Jan. '39)

**McGuire, Thomas M.,** Mgr. of Water Dept., Plymouth, Wis. (Jan. '40)

**McGurk, Samuel R.,** Jr. San. Engr., State Board of Health, 1098 W. Michigan St., Indianapolis, Ind. (Jr. M. Oct. '41)

**McIntosh, A. K.,** Mgr., Public Utilities Com., 207 Division St., Cobourg, Ont., Can. (Jan. '41)

**McIntyre, F. J.,** Director, Columbus Water & Chemical Testing Lab., 58 Olentangy St., Columbus, Ohio (July '39)

**McIntyre, H. A.,** Water Supply Engr., Dept. of Transport, Civ. Aviation Branch, 246 Hunter Bldg., Ottawa, Ont., Can. (Jan. '41)

**McIntyre, P. T.,** Jr. Engr., Los Angeles Dept. of Water & Power, 315 N. Adams St., Glendale, Calif. (Oct. '34)

**McKague, John J.,** 220 Pine St., Freeport, N.Y. (Apr. '38)

**McKanghan, O. M.,** *see* Wake Forest, Town of

**McKay, George, Jr.,** Pres., The Leadite Co., Inc., Girard Trust Company Bldg., Philadelphia, Pa. (Apr. '30)

**McKay, Glen J.,** Water Works Keeper, Los Angeles Bureau of Water Works & Supply, 1700 Stone Canyon Rd., West Los Angeles, Calif. (Jan. '41)

**McKay, R. Donald,** San. Engr., Dept. of Public Health, Halifax, N.S., Can. (Jan. '41)

**McKay, W. G.,** Asst. Engr., Dept. of Pensions & National Health, 15 Bank of Nova Scotia Bldg., St. Catherines, Ont., Can. (Jr. M. Jan. '42)

**McKay, W. M.,** Johns-Manville Sales Corp., 116 New Montgomery St., San Francisco, Calif. (Jan. '38)

**McKee, Wm.,** *see* St. Marys Public Utilities Com.

**McKinney, Wade R.,** *see* Mount Airy, Town of

**McKinstry, Edward N.,** Assoc. Public Health Engr., U.S. Public Health Service, Kitsap County Health Dept., 2813 Farragut St., Bremerton, Wash. (July '40) ★

**McLaughlin, H. L.,** Salesman, Pittsburgh Equitable Meter Co., 1310 Race St., Denver, Colo. (Mar. '26)

**McLaughlin, Martin J.,** Chief Engr., Dept. of Public Works, Water Bureau, 801 City Hall Annex, Philadelphia, Pa. (Apr. '42)

**McLaughlin, Maurice M.,** Auditor, North Jersey Dist. Water Supply Com., Wanaque, N.J. (Oct. '41)

**McLaughlin, Philip L.,** San. Engr., West Virginia Water Service Co., 814 Peoples Bank Bldg., Charleston, W.Va. (July '28)

**McLaughlin, Richard M.,** Director, Div. of Sanitation, Westchester County Health Dept., 148 Martine Ave., White Plains, N.Y. (Jan. '39)

**McLean, E. P.,** Engr., Moultrie, Ga. (Apr. '38)

**McLean, J. D.,** *see* Timmins, Corp. Town of

**McLean, R. F.,** Supt. of Water Dept., Walla Walla, Wash. (June '28)

**McLean, W. A.,** Cons. Engr., Liverpool Rd., Pickering, Ont., Can. (July '35)

**McLure, J. H.,** City Engr., Chester, S.C. (Apr. '38)

**McMahon, A. E.,** Pres., A. E. McMahon Engineering Co., 124 Main St., Menasha, Wis. (Jan. '42)

**McManamna, Theodore L.,** 373 Wartley Rd., London, Ont., Can. (Jan. '34)

**McMillan, L. S.,** Supt., Water Works, Raeford, N.C. (July '35)

**McMinnville Water & Light Dept.,** M. H. McGuire, Mgr., McMinnville, Ore. (Corp. M. July '34) *Director '39–'41.*

**McMorrow Bernard J.,** San. Engr., Board of Health, Hilo, T.H. (Jan. '38)

**McMullen, R. S.,** 409 First National Bank Bldg., Carbondale, Pa. (July '35)

**McMurray,** F. R., *see* Skinner, M. B., Co.

**McMurry, W. F.,** 405 City Hall, Tulsa, Okla. (Apr. '36)

**McNamara, Leo G.,** Salesman & Chemist, Layne-New York Co., Inc., 400 Highland Terrace, Orange, N.J. (July '39)

**McNamee, Robert L.,** Shoecraft, Drury & McNamee, State Savings Bank Bldg., Ann Arbor, Mich. (June '26)

**McNeice, L. G.,** *see* Orillia Water, Light & Power Com.

**McNeill, Howard,** Staff Mgr., Transite Pipe Dept., Johns-Manville Sales Corp., 697 Broad Street Station Bldg., Philadelphia, Pa. (Jan. '42)

**McNeill, Johnnie L.,** Supt., Light & Water Dept., Lumberton, N.C. (Aug. '26)

**McNutt, Gary H.,** Water Comr., Water Dept., 1500 Centennial St., McKeesport, Pa. (July '41)

**McPeak, Douglas H.,** Water Treatment Engr., Fuel Economy Engineering Co., 508 New York Bldg., St. Paul, Minn. (Apr. '42)

**McPhail, Alex. L.,** Supt., Water Works Com., St. Catharines, Ont., Can. (Jan. '35)

**McPherson, C. E.,** Water Com. Supt., Water Dept., City Hall, Little Falls, Minn. (July '39)

**McQueen, Leo E.,** Supt., Board of Public Works, Coldwater, Mich. (Apr. '23)

**McQuilkin, F. R.,** Bottlers' Service Dept., The Coca-Cola Co., 310 North Ave., N.W., Drawer 1734, Atlanta, Ga. (Jan. '42)

**McRae, J. P.,** McRae Engineering Equipment, Ltd., 11 King St., W., Toronto 2, Ont., Can. (Jan. '24)

**McVea, J. C.,** *see* Houston Water Dept.

**McWane Cast Iron Pipe Co.,** W. P. Cox, Gen. Sales Mgr., Box 2601, Birmingham, Ala. (Assoc. M. Apr. '23)

**McWilliams, D. E.,** Mgr., Roaring Creek Water Co., Box 17, Shamokin, Pa. (Mar. '22)

**McWilliams, Stewart A.,** S. A. McWilliams Ltd. & The Permutit Co. of Canada Ltd., 60 Front St., Toronto, Ont., Can. (Apr. '42)

**Mead, Daniel W.,** Civ. Engr., 120 W. Gorham St., Madison, Wis. (Apr. '89) *Honorary M. '30.*

**Mead, Frank F.,** Civ. Engr., 357 Orizaba Ave., Long Beach, Calif. (Oct. '39)

**Meadows, J. O.,** San. Engr., J. T. Donald & Co., Ltd., 1181 Guy St., Montreal, Que., Can. (June '20)

**Medbery, Hiram Christopher,** Water Purif. Engr., San Francisco Water Dept., Millbrae, Calif. (Oct. '37)

**Medford Water Com.,** Robert A. Duff, Supt., City Hall, Medford, Ore. (Corp. M. Mar. '30)

**Meeker, W. L.,** Supt., Water Works Co., Clinton, Iowa (Oct. '28)

**Meffert, W. H.,** Florida Lime Products Co., Box 478, Ocala, Fla. (July '35)

**Meissner, Wm. A., Jr.,** 4104 Russell Ave., Mt. Rainier, Md. (July '38) ★

**Meites, H. L.,** Supt. of Water, 101 City Hall, Chicago, Ill. (July '35)

**Melbo, Irene Marion (Miss),** Lab. Asst., Water Dept. Lab., City Hall, Bellingham, Wash. (Jr. M. Apr. '41)

**Melbourne & Metropolitan Board of Works,** A. E. Kelso, Engr. of Water Supply, 110 Spencer St., Melbourne, C.1., Victoria, Australia (Corp. M. Jan. '36)

**Mellen, Arthur F.,** Supt. of Filtration, Columbia Heights Filtration Plant, Minneapolis, Minn. (Mar. '15)

**Melley, William P.,** Supt., Milton Water Dept., 49 Plymouth Ave., Milton, Mass. (Jan. '41)

**Mellon, T. A.,** Pres., Kensington Water Co., 210 E. Park Way, N.S., Pittsburgh, Pa. (June '03)

**Melvin, Howard H.,** Gen. Mgr., Millville Water Co., 209-11 High St., Millville, N.J. (Jan. '39)

**Memphis Light, Gas & Water Div.,** C. M. McCord, Director, Water Div., Box 388, Memphis, Tenn. (Corp. M. Apr. '09)

**Mendelsohn, Isador W.,** Engr.-Resident, Columbus General Depot, Columbus, Ohio (Feb. '20) ★

**Meng, B. B.,** Supt. of Water Works, Winnsboro, S.C. (Apr. '29)

**Menzenhauer, Fred C.,** 65 Maple Ave., Hackensack, N.J. (Jr. M. Jan. '38)

**Menzies, D. B.,** Provincial San. Engr., 218 Administration Bldgs., Edmonton, Alta., Can. (Jan. '37)

**Merckel, F. G.,** Wallace & Tiernan Co., Inc., Box 178, Newark, N.J. (Jan. '21)

**Meredith, E. C.,** Asst. San. Engr., State Dept. of Health, 119 State Office Bldg., Richmond, Va. (Jan. '37)

**Merfeld, F. A.,** *see* Citizens Utilities Co.

**Merkel, Paul P.,** Anal. & Cons. Chemist, 1528 N. 11th St., Reading, Pa. (Jan. '37)

**Merrick, Clyde R.,** Water Supply Engr., 4626 Carson Ave., Indianapolis, Ind. (Jan. '37)

**Merrill, Arthur J.,** *see* Johnson City Water Dept.

**Merritton Public Utilities Com.,** Fred Barwell, Supt., Water Works Dept., Merritton, Ont., Can. (Corp. M. June '26)

**Merryfield, Fred,** Assoc. Prof., Civ. Eng., Oregon State College, Corvallis, Ore. (May '34)

**Merz, H. S.,** Supt. of Water Dept., 3227 Westgate Parkway, Rockford, Ill. (Oct. '37)

**Meseck, W. T.,** *see* Austin Board of Water, Elec., Gas & Power Comrs.

**Messer, Richard,** San. Engr., State Dept. of Health, 615 State Office Bldg., Richmond, Va. (Sept. '11)

**Messerschmidt, Arthur B.,** Meter Reader-Service Man, City Water Dept., 421—19th St., Oshkosh, Wis. (Jan. '41)

**Mexico, Banco Nacional Hipotecario Urbano y de Obras Publicas, S.A.,** Jose Mendez Valazquez, Ave. Fco. 1 Madero No. 32, Mexico, D.F., Mexico (Corp. M. Oct. '37)

**Meyer, Ed,** Water Works Supt., Hespeler, Ont., Can. (Apr. '32)

**Meyer, Ernest L. H.,** *see* Glens Falls Board of Water Comrs.

**Meyer, H. R. J.,** Civ. Engr., Supply & Purif. Sec., St. Louis Water Div., 1640 S. Kingshighway, St. Louis, Mo. (Jan. '35)

**Meyer, Hazen I.,** Sr. Civ. Eng. Draftsman, Dept. of Water Supply, 17350 Cooley St., Detroit, Mich. (Affil. July '40)

**Meyer, J. Edward,** *see* Newtown, Citizens Water Supply Co. of

**Meyerherm, Charles F.,** Albert F. Ganz, Inc., 511—5th Ave., New York, N.Y. (Jan. '22)

**Miami Dept. of Water & Sewers,** W. A. Glass, Director, Miami, Fla. (Corp. M. Apr. '40)

**Michael, A. C.,** Asst. Mech. Engr., 807 Water Board Bldg., Detroit, Mich. (Jan. '38)

**Michael, A. M.,** Supt., Water Dept., Mebane, N.C. (Aug. '26)

**Michaels, A. P.,** 3446 Golfview Blvd., Orlando, Fla. (Aug. '24) *Director '31–'33.*

**Michigan Alkali Co.,** Harold W. Quigley, Technical Service Dept., Wyandotte, Mich. (Assoc. M. Apr. '41)

**Middletown Water Dept.,** Samuel C. Cannon, Supt., Middletown, Conn. (Corp. M. June '21)

**Midland Public Utilities Com.,** Roy S. King, Box 548, Midland, Ont., Can. (Corp. M. Mar. '27)

**Midland Water Dept.,** Midland, Mich. (Corp. M. Jan. '40)

**Miguel, Agustin Otero,** Engr., Havana Water Works, Estacion Bombas Palatino, Cerro, Havana, Cuba (Jan. '40)

**Mikesell, C. C.,** Sales Repr., Johns-Manville Sales Corp., 28 Roycroft Ave., Long Beach, Calif. (Oct. '39)

**Miles, Bruce J.,** Soft Water Service Co., 227 W. Adams St., Phoenix, Ariz. (Jan. '42)

**Miles, Harry B.,** Gen. Mgr., Board of Water Supply, 712 Washington St., Utica, N.Y. (June '24)

**Miles, Henry J.,** Asst. Prof. of Civ. Eng., Hydraulic Laboratory Bldg., Univ. of Florida, Gainesville, Fla. (July '41)

**Milford, T. H.,** Chief Engr., J. W. Goodwin Engineering Co., 344 Martin Bldg., Birmingham, Ala. (Apr. '38)

**Milford Water Co.,** M. H. Goff, Supt., 226 Main St., Milford, Mass. (Corp. M. July '35)

**Millar, John H.,** San. Engr., Boone County Health Dept., Madison, W.Va. (Affil. Jan. '38)

**Millar, Robert S.,** Mgr., Wichita Water Co., Wichita, Kan. (May '38)

**Millensifer, Robert W.,** Dist. Engr., Johns-Manville Sales Corp., 219 Midland Savings Bldg., Denver, Colo. (Jan. '42)

**Miller, Albert J.,** Chief Engr., Elyria Water Dept., Lorain, Ohio (Apr. '42)

**Miller, Alden W.,** Sales Engr., 1833 N. 13th Ave., Phoenix, Ariz. (Oct. '34)

**Miller, Arthur P.,** Sr. San. Engr., U.S. Public Health Service Dist. No. 1, Sub-Treasury Bldg., 15 Pine St., New York, N.Y. (Sept. '20)

**Miller, Charles R.,** Supt., Water & Elec. Dept., Village Hall, Winnetka, Ill. (Oct. '41)

**Miller, Chester A.,** Water Plant Supt., Sherwin-Williams Defense Corp., 803 W. Main St., Carbondale, Ill. (Oct. '41)

**Miller, H. I.,** Owner, Pacific Water Works Supply Co., Atlantic Street Terminal, Pier A, Seattle, Wash. (Jan. '28)

**Miller, John E.,** Asst. Engr., State Dept. of Health, Bureau of Eng., Lansing, Mich. (Apr. '42)

**Miller, Lavern A.,** Chief Engr., Miller Engineering Service, 719 E. Main St., Streator, Ill. (Jan. '42)

**Miller, Lewis B.,** *see* Technical Assn. Pulp & Paper Industry

**Miller, Louis L.,** Engr., Somerville Water Co., Raritan, N.J. (Jan. '40)

**Miller, Maurice L.,** Cons. San. Engr., Tyler Bldg., Louisville, Ky. (Jan. '42)

**Miller, Paul E.,** Water Chemist, Harmon Color Works, Inc., 550 Belmont Ave., Haledon, N.J. (Jan. '39)

**Miller, R. W.,** *see* Columbia Chemical Div.

**Miller, Rube,** Salesman, Worthington-Gamon Meter Co., 922 First Ave., S., Seattle, Wash. (Jan. '41)

**Miller, Russell,** Supt., Water & Light Plant, Amory, Miss. (Apr. '30)

**Miller, S. J.,** Water Engr., Public Service Co. of Indiana, 506 Traction Terminal Bldg., Indianapolis, Ind. (Jan. '37)

**Miller, Wallace T.,** *see* Ossining Board of Water Comrs.

**Miller, Warren C.,** City Engr., City Hall, St. Thomas, Ont., Can. (Feb. '23)

**Milligan, T. Edwin,** Complaint Investigator, Fort Wayne Water Works, 1518 E. Lewis, Fort Wayne, Ind. (Jan. '41)

**Milliken, W. W.,** *see* Santa Monica, City of

**Millikin, William H.,** Asst. City Supt., Denver Munic. Water Works, Box 629, Denver, Colo. (Apr. '40)

**Milliren, M. E.,** *see* Du Bois Bureau of Water

**Mills, G. H.,** Supt., Water Dist. No. 42, 11711—15th Ave., N.E., Seattle, Wash. (Jan. '42)

**Mills, J. R.,** Chem. Supervisor, Alberta Nitrogen Products, Ltd., Box 370, Calgary, Alta., Can. (Jan. '42)

**Mills, W. Stuart,** Salesman, Peacock Bros., Ltd., 510 Federal Bldg., Richmond St., W., Toronto, Ont., Can. (July '39)

**Millville Water Co.,** Alfred Brandriff, Millville, N.J. (Corp. M. Jan. '16)

**Mimico Public Utilities Com.,** Oscar Lawson, Supt. of Water Works Dept., 249 Church St., Mimico, Toronto 14, Ont., Can. (Corp. M. Jan. '41)

**Mineola, Inc. Village of,** Water Dept., Christian E. Dick, 217 Horton Highway, Mineola, N.Y. (Corp. M. Jan. '41)

**Mineral Wells City Water Works,** T. A. Camp, Water Comr., Mineral Wells, Tex. (Corp. M. Apr. '40)

**Minersville, Munic. Authority of Borough of,** Carl I. Kear, Gen. Mgr., Delaware Ave. & Carbon St., Minersville, Pa. (Corp. M. Jan. '42)

**Minkus, Alexander J.,** 30 N. Whitney St., Hartford, Conn. (Oct. '37)

**Minneapolis Com. of Water Works,** Harry P. Burgum, Chairman, Minneapolis, Minn. (Corp. M. June '20)

**Minor, Edward Eastman,** Gen. Mgr., New Haven Water Co., New Haven, Conn. (May '12)

**Minor, Lynn O.,** Treas. & Mgr., Kankakee Water Co., 132 S. Dearborn Ave., Kankakee, Ill. (Jan. '40)

**Miracle, Ralph,** 713 Lewis Ave., Billings, Mont. (Apr. '40)

**Mishawaka City Water & Elec. Plant,** Austin R. Klein, Supt., City Hall, Mishawaka, Ind. (Corp. M. Dec. '37)

**Mississippi Lime Co.,** C. C. Schmoeller, Vice-Pres., Alton, Ill. (Assoc. M. Oct. '39)

**Mitchell, Earl T.,** Supt. of Filtration, Paducah Water Works, Paducah, Ky. (July '40)

**Mitchell, Louis,** Dean, College of Applied Science, Syracuse Univ., Syracuse, N.Y. (Mar. '32)

**Mitchell, R. T.,** *see* Pollard, Joseph G., Co., Inc.

**Mitchell, William,** Chief Engr. & Chemist, Northern Illinois Water Corp., 608 W. Grant St., Streator, Ill. (Jan. '42)

**Mitchell, William H.,** Dist. Sales Mgr., The Permutit Co., 407 S. Dearborn St., Chicago, Ill. (Jan. '35)

**Mittelstaedt, R. E.,** *see* Sacramento Div. of Water

**Moat, Charles P.,** Chemist, State Board of Health, 2 Colchester Ave., Burlington, Vt. (Jan. '15)

**Moerk, Frank M.,** Cons. Chem. Engr., 4729 N. 15th St., Philadelphia, Pa. (July '40)

**Moffat, A. G.,** Secy., Sewerage & Water Board, 526 Carondelet St., New Orleans, La. (July '37)

**Moffat, H. A.,** Industrial Chemical Sales Div., 14827 E. Jefferson Ave., Detroit, Mich. (Apr. '38)

**Moggio, William A.,** 1004 Carolina Ave., Durham, N.C. (Jr. M. Jan. '40)

**Mohlman, Floyd W.,** Chief Chemist, Sanitary Dist. of Chicago, 910 S. Michigan Ave., Chicago, Ill. (Oct. '21)

**Moir, Donald,** Montevideo Water Works Co., Ltd., 20–24, Moorgate, London, E.C.2, England (June '24)

**Molina, Eduardo,** Civ. Engr., Wagner 18, Guadalupe Inn, Villa A. Obregon, D.F., Mexico (Jan. '37)

**Moline Water Works,** A. E. Anderson, Supt., City Hall, Moline, Ill. (Corp. M. Jan. '16)

**Molis, Walter W.,** Supt. of Distr., City Water Works, 710 Iowa Ave., Muscatine, Iowa (July '35)

**Monro, Albert,** Supt., Pipe Constr., Los Angeles Dept. of Water & Power, 141 N. Meyler St., San Pedro, Calif. (Oct. '30)

**Monsanto Chemical Co.,** I. J. Stanley Jr., 1700 S. Second St., St. Louis, Mo. (Assoc. M. Apr. '37)

**Montgomery, James M.,** Cons. Engr., Hoover & Montgomery, Engrs., 306 W. 3rd St., Los Angeles, Calif. (June '27)

**Montgomery, L. A.,** *see* McDonald, A. Y., Mfg. Co.

**Montoulieu, Henry J.,** Civ. Engr., Calle B. No. 508, Entre 21 y 23, Vedado, Havana, Cuba (Nov. '11)

**Moody, William H.,** Secy. & Gen. Mgr., Naugatuck Water Co., 250 Meadow St., Naugatuck, Conn. (Jan. '41)

**Moomau, J. C.,** Mgr., Northern Illinois Water Corp., 124 W. 3rd St., Sterling, Ill. (Apr. '41)

**Moon, C. D.,** *see* New Jersey Water Co.

**Moon, Philip G. G.,** Engr. & Gen. Mgr., Bournemouth Gas & Water Co., 136 Old Christchurch Rd., Bournemouth, England (Oct. '32)

**Moore, C. C.,** Mgr., Crane Co., Great Falls, Mont. (Jan. '41)

**Moore, Carl C.,** Sales Repr., Pittsburgh Equitable Meter Co., 243 N. 5th St., Columbus, Ohio (Apr. '39)

**Moore, Charles E.,** Mgr., City Water Dept., 311 Avenham Ave., Roanoke, Va. (Oct. '23)

**Moore, Edward W.,** Assoc. Prof. of San. Chem., Harvard Graduate School of Eng., 7A Pierce Hall, Harvard Univ., Cambridge, Mass. (Oct. '38)

**Moore, G. W.,** State Dept. of Health, Terminal Bldg., Rochester, N.Y. (Apr. '37)

**Moore, George S.,** Supt. of Water & Light, Albemarle, N.C. (Apr. '24)

**Moore, Herbert,** Engr., 904 S. Layton Blvd., Milwaukee, Wis. (July '28)

**Moore, J. C.,** *see* Warrenton Water Co.

**Moore, M. B.,** Supt., Woodlawn Water Co., Aliquippa, Pa. (July '39)

**Moore, Maynard F.,** Supt., Zionsville Water Works, Zionsville, Ind. (Apr. '42)

**Moore, Russell B.,** Cons. Engr., K.P. Bldg., Indianapolis, Ind. (Jan. '28)

**Moore, Thomas F.,** Mgr., General Chemical Co., Box 59, River Rouge, Mich. (Apr. '39)

**Moore, W. D.,** Pres., American Cast Iron Pipe Co., Birmingham, Ala. (Jan. '38)

**Moore, W. J.,** *see* Eugene Water Board

**Moorer, T. B.,** Supt., Comrs. of Public Works, Box 528, Summerville, S.C. (Nov. '31)

**Moorman, R. L.,** 445 High St., Bethlehem, Pa. (July '39)

**Morales, Luis,** Cons. Engr., Morales & Co., Compostela 158, Havana, Cuba (Jan. '39) *Director '41.*

**Moran, James E. H.,** Chief Operator, City of Princeton, 446 S. Main St., Princeton, Ill. (Apr. '42)

**Moran, John W.,** 273 Essex Ave., Gloucester, Mass. (Jan. '36)

**Morehouse, Wallace W.,** Director, Dept. of Water, Municipal Bldg., Third & Ludlow Sts., Dayton, Ohio (Jan. '23) *Director '39.*

**Morey, David, Jr.,** San. Engr., 417–18 Praetorian Bldg., Dallas, Tex. (May '23)

**Morgan, E. A.,** Wellsburg, W.Va. (Affil. Jan. '39)

**Morgan, George,** Vice-Pres. & Gen. Mgr., Victaulic Co. of Canada, Ltd., 200 Bay St., Toronto, Ont., Can. (Jan. '41)

**Morgan, L. S.,** Dist. Engr., State Dept. of Health, Greensburg, Pa. (July '41)

**Morgan, Mel,** Water Supt., Water Dept., Enumclaw, Wash. (Apr. '39)

**Morrill, Arthur B.,** 13563 Birwood Ave., Detroit, Mich. (Oct. '25)

**Morris, D. B.,** C. B. Lyon & Bro., Inc., 2303 Hampden Ave., St. Paul, Minn. (Oct. '35)

**Morris, Earle H.,** *see* West Virginia Public Service Com.

**Morris, Samuel B.,** Dean, School of Eng., Stanford Univ., Calif. (June '20) *Director '31–'33. Diven Medal '33.*

**Morris, T.,** Mgr., Dauphin Consolidated Water Supply Co., 15 N. 32nd St., Philadelphia, Pa. (Jan. '41)

**Morrison, H. H.,** Dist. Sales Engr., The Permutit Co., 415 Provident Bldg., Chattanooga, Tenn. (July '35)

**Morrison, J. H.,** *see* Warren Foundry & Pipe Corp.

**Morrison, James E.,** Purif. Engr., Seattle Water Dept., R. No. 1, Box 173, Renton, Wash. (Oct. '39)

**Morrison, Thomas J.,** 373 Grand Ave., Rochester, N.Y. (Mar. '34)

**Morrow, Ben S.,** Engr. & Gen. Mgr., Bureau of Water Works, 209 City Hall, Portland, Ore. (Apr. '26) *Director '33–'35. Fuller Award '40.*

**Morrow, Guy,** Mgr., Peoria Water Works Co., Peoria, Ill. (June '30)

**Morrow, Vernal H.,** Survey Instrument Man, Dept. of Water Supply, 707 Water Board Bldg., Detroit, Mich. (Affil. July '40)

**Morse, Howard Scott,** Vice-Pres. & Mgr., Indianapolis Water Co., 113 Monument Circle, Indianapolis, Ind. (Sept. '25) *Director '31, '35.*

**Morse, W. C.,** *see* Seattle Water Dept.

**Morton, Roy J.,** School of Medicine, Vanderbilt Univ., Nashville, Tenn. (July '35)

**Moseley, M. E.,** Asst. Mgr., San Gabriel Valley Water Service, 242 E. Garvey Ave., El Monte, Calif. (Oct. '38)

**Moses, D. V.,** Chem. Engr., Ammonia Dept., E. I. du Pont de Nemours & Co., Box 1537, Charleston, W.Va. (July '39)

**Moses, Howard E.,** Chief Engr., State Dept. of Health, 1522 N. Second St., Harrisburg, Pa. (Apr. '22)

**Moses, James E.,** Shop and Meter Foreman, City Water Dept., City Hall, Durham, N.C. (Jan. '41)

**Moses, John W.,** Sales Repr., Buffalo Meter Co., 4496 East Blvd., Garfield Heights, Cleveland, Ohio (Jan. '39)

**Mosier, Cortland** Supt., Spring Valley Water Works & Supply Co., 147 Main St., Spring Valley, N.Y. (Dec. '29)

**Moss, N. V.,** Supt., Water Dept., City Hall, Amarillo, Tex. (July '39)

**Moss, Roscoe,** Roscoe Moss Co., 4360 Worth St., Los Angeles, Calif. (Oct. '35)

**Mott, Kennon,** *see* Nehi Corp.

**Mottern, R. J.,** *see* Bristol, Tenn., City of

**Moullet, Louis F.,** Mech. Engr., East Bay Munic. Utility Dist., 512—16th St., Oakland, Calif. (May '26)

**Mount Airy, Town of,** Wade R. McKinney, Supt. of Water Plant, Mount Airy, N.C. (Corp. M. July '37)

**Mount Holly Water Co.,** Arthur D. Cross, Mgr. & Vice-Pres., 84 Mill St., Mount Holly, N.J. (Corp. M. Apr. '24)

**Mount Morris Water Dept.,** C. E. Kellogg, Supt., Mt. Morris, N.Y. (Corp. M. Apr. '39)

**Mount, W. R.,** *see* Edmonton, City of

**Mowder, Clyde L.,** Chief Engr., Investment Water Corp., Ltd., Los Angeles Investment Co., 1033 S. Broadway, Los Angeles, Calif. (Oct. '35)

**Mower, Stanley E.,** 518 University Block, Syracuse, N.Y. (Apr. '37)

**Mowrey, J. Hase,** Mgr. of Public Utilities, 202 S. Second St., Chambersburg, Pa. (July '25)

**Mowry, Robert B.,** Dist. Mgr., Wallace & Tiernan Co., Inc., 1649 N. Broad St., Philadelphia, Pa. (July '37)

**Muddiman, J. B. C.,** Chief Chemist, Water Dept., 197 Washington Ave., Kingston, N.Y. (July '39)

**Mudge, John Rexford,** Pres. & Gen. Mgr., Chemical Equipment Corp. of California, 414 Arroyo Drive, South Pasadena, Calif. (May '24)

**Muegge, O. J.,** Sr. Asst. San. Engr., State Board of Health, 656 Crandall St., Madison, Wis. (May '25)

**Mueller Brass Co.,** J. E. Gray, Development Engr., Port Huron, Mich. (Assoc. M. June '27)

**Mueller Co.,** Frank H. Mueller, Director of Research & Development, Decatur, Ill. (Assoc. M. Mar. '82)

**Mueller, Frank H.,** *see* Mueller Co.

**Mueller, H. M.,** Mgr., Industrial Div., The McKays Co., 473 N. Cleveland Ave., St. Paul, Minn. (July '38)

**Muhlaiser, Fred C.,** Supt., Lyndhurst Water Dept., 309 Watson Ave., Lyndhurst, N.J. (Jan. '41)

**Mull, Charles H.,** Mgr., Vista Irrigation Dist., Vista, Calif. (Oct. '38)

**Mullen, B. J.,** Chief Plant Engr., Detroit Dept. of Water Supply, 8300 W. Warren Ave., Dearborn, Mich. (Jan. '38)

**Mullergren, Arthur L.,** Cons. Engr., 202 Fairfax Bldg., Kansas City, Mo. (Oct. '19)

**Mulligan, D. G.,** Mountain States Inspection Bureau, Box 1740, Denver, Colo. (Mar. '28)

**Multiplex Mfg. Co.,** Multiplex Bldg., Berwick, Pa. (Assoc. M. May '16)

**Multnomah Home Water Dist.,** (Miss) E. Jensen, Asst. Secy., 7840 S.W. Capitol Highway, Multnomah, Ore. (Corp. M. Apr. '39)

**Mundy, Ambros,** Supt., Middlesex Water Co., Woodbridge, N.J. (Mar. '14)

**Munn, Harvey T.,** Hydr. Engr., National Board of Fire Underwriters, 222 W. Adams St., Chicago, Ill. (Mar. '20)

**Munroe, Walter C.,** Chief Engr., Anne Arundel County Sanitary Com., Old High School Bldg., Annapolis, Md. (Jan. '24)

**Murchison, H. A.,** Salesman, The Permutit Co., Box 1201, Bradenton, Fla. (Apr. '37)

**Murden, X. D.,** Supt., Portsmouth Water Dept., Box 496, Portsmouth, Va. (July '41)

**Murdoch, John H., Jr.,** Attorney, American Water Works & Elec. Co., 50 Broad St., New York, N.Y. (May '30)

**Murdoch, William J.,** San. Engr., 1123 Cornell St., Pittsburgh, Pa. (Jan. '36)

**Murnane, David J.,** Water Engr., Municipal Offices, Singapore, Straits Settlements (Nov. '29)

**Murphy, A. R.,** Civ. Engr., Fountain City, Tenn. (Apr. '11)

**Murphy, J. P.,** Foreman, Water Dept., 119 King St., La Crosse, Wis. (Oct. '39)

**Murphy, James P.,** Filter Plant Supt., 119 Reformatory Ave., Pontiac, Ill. (Apr. '38)

**Murray, A. L.,** *see* General Utilities Co., Ltd.

**Murray, Alban J. M.,** Control Chemist, Johnson & Johnson Pty., Ltd., 54 Sydney St., Willoughby, N.S.W., Australia (Jan. '40)

**Murray, J. J., Jr.,** Chemist & Bacteriologist, Murray Lab., Capers Bldg., Greenville, S.C. (July '35)

**Murray, Joseph F.,** Engr. of Special Assignments, Div. of Water, 101 City Hall Annex, Newark, N.J. (Jan. '42)

**Murray, Joseph J.,** Water Comr., Water Dept., 184 Washington St., Newton, Mass. (Oct. '39)

**Murray, Ray M.,** Structural Engr., 626—36th Ave., Seattle, Wash. (Feb. '22)

**Muscatine City Water Works,** Robert Roach, Laurel Bldg., Muscatine, Iowa (Corp. M. May '21)

**Musser, H. P.,** Pres., Mullens Water Works, 709 Security Bldg., Charleston, W.Va. (Oct. '22)

**Mussi, A. P.,** Water Works Engr., 10 Felix St., Rochester, N.Y. (July '35)

**Mutzberg, F. A.,** Supt., Water Works Utilities, U.S. Army, Box 751, Fort Bragg, N.C. (Apr. '41)

**Myers, E. L.,** Myers & Noyes, Cons. Civ. Engrs., 2204 Tower Petroleum Bldg., Dallas, Tex. (July '35)

**Myers, Frederick John,** Research Development Chemist, Resinous Products & Chemical Co., Inc., 222 W. Washington Sq., Philadelphia, Pa. (Apr. '41)

**Myers, Henry C.,** Chief Operator, California Water & Telephone Co., R. 1, Box 120, Palm City, Calif. (July '38)

**Myers, James W., Jr.,** *see* Kenosha Water Dept.

**Myers, Robert J.,** Resinous Products & Chemical Co., Inc., Richmond & Kennedy Sts., Philadelphia, Pa. (Oct. '40)

**Myers, Wm. G.,** City Engr., Municipal Bldg., Harrisonburg, Va. (July '39)

**Myron, J. P.,** Chief Engr., F. B. Leopold Co., Inc., 422 First Ave., Pittsburgh, Pa. (July '41)

**Nalefski, L. A., Chemist, 1594 W. Macon** St., Decatur, Ill. (Jan. '36)

**Nally, Harvey D., Jr.,** San. Engr., Kanawha County Health Dept., 1544 Lee St., Charleston, W.Va. (Affil. Jan. '42)

**Nasi, Kaarlo William,** Director, Div. of Public Health Eng., Territorial Dept. of Health, Juneau, Alaska (Jan. '38)

**Nassau County Dept. of Health,** J. L. Barron, Director, Div. of Sanitation, West Unit, Nassau County Courthouse, Mineola, N.Y. (Corp. M. Apr. '40)

**National Aluminate Corp.,** 6216 W. 66th Pl., Chicago, Ill. (Assoc. M. June '26)

**National Automatic Sprinkler Assn.,** F. C. Vogel, Secy.-Treas., 205 E. 42nd St., New York, N.Y. (Corp. M. Jan. '42)

**National Lead Co.,** Titanium Div., H. A. Wineke, Chief Industrial Engr., Box 58, South Amboy, N.J. (Corp. M. July '37)

**National Meter Div.,** Pittsburgh Equitable Meter Co., Norbert J. Kenny, 4207 First Ave., Brooklyn, N.Y. (Assoc. M. Mar. '82)

**National Soap & Chemical Co.,** A. H. Leifgren, 110—5th Ave., S.E., Minneapolis, Minn. (Assoc. M. July '39)

**National Tube Co.,** W. L. Schaeffer, 1902 Frick Bldg., Pittsburgh, Pa. (Assoc. M. May '21)

**National Water Main Cleaning Co.,** Clinton Inglee, Pres. & Gen. Mgr., 30 Church St., New York, N.Y. (Assoc. M. July '06)

**Neal, Edward D.,** *see* East Aurora, Village of

**Neath, Richard H.,** Foreman, Public Utilities Com. of Owen Sound, Water Dept., 726—1st Ave. E., Owen Sound, Ont., Can. (Jan. '41)

**Nedwed, Arthur A.,** Supt., Bureau of Water, 2517 S. 50th Ave., Cicero, Ill. (Jan. '41)

**Neenah City Water Works,** Arthur Hanson, Chemist, Neenah, Wis. (Corp. M. Apr. '39)

**Nehi Corp.,** Kennon Mott, General Production Dept., Columbus, Ga. (Corp. M. July '38)

**Neighbour, H. M.,** Supt., Water & Sewers, City Hall, Santa Ana, Calif. (Oct. '37)

**Neihaus, Arnold,** *see* East Moline Water Works Dept.

**Neill, Clayton B.,** Div. Mgr., California Water & Telephone Co., 439 Tyler St., Monterey, Calif. (Oct. '35)

**Nelson, Ben. O.,** City Engr., Pullman, Wash. (Jan. '40)

**Nelson, Earl C.,** *see* Dover Water Comrs.

**Nelson, Fred B.,** Civ. Engr., 950 Woodycrest Ave., New York, N.Y. (July '07)

**Nelson, Geo. A.,** *see* Boone Water Dept.

**Nelson, H. Lloyd,** Eastern Sales Mgr., U.S. Pipe & Foundry Co., Broad & Chestnut Sts., Philadelphia, Pa. (May '30) *Director '39.*

**Nelson, Jos. S.,** *see* Sioux Falls Water Works

**Nelson, Nick L.,** City Engr., Sioux City Water Works, 2521 Douglas St., Sioux City, Iowa (Oct. '37)

**Nelson, Olaf,** Chairman, Board of Trustees, Council Bluffs City Water Works, Council Bluffs, Iowa (Jan. '35)

**Nelson, Samuel B. S.,** Asst. Field Engr., Bureau of Water Works & Supply, 251 S. Larchmont Blvd., Los Angeles, Calif. (Oct. '34)

**Nenzel, Peter A.,** Engr., California Water & Telephone Co., 485 California St., San Francisco, Calif. (Oct. '38)

**Neptune Meter Co.,** 50 W. 50th St., New York, N.Y. (Assoc. M. Aug. '94)

**Nesin, Benjamin C.,** Chemist-in-Charge, Mt. Prospect Lab., 355 Park Pl., Brooklyn, N.Y. (Oct. '37)

**Nevling, J. B.,** Secy.-Treas., Clearfield Water Co., Clearfield, Pa. (Oct. '14)

**New Jersey State Water Policy Com.,** George S. Burgess, Chairman, 19 Washington St., East Orange, N.J. (Corp. M. Apr. '36)

**New Jersey Water Co.,** C. D. Moon, Mgr., 610 Station Ave., Haddon Heights, N.J. (Corp. M. Jan. '27)

**New Mexico Power Co.,** O. B. Summers, Mgr., Santa Fe, N.M. (Corp. M. Mar. '24)

**New Mexico Power Co.—Agua Pura Div.,** E. A. Bradner, Mgr., Las Vegas, N.M. (Corp. M. May '09)

**New Toronto Public Utilities Com.,** A. H. R. Thomas, Supt. of Water Works, New Toronto, Ont., Can. (Corp. M. Jan. '33)

**New Westminster, City of,** Andrew Hunter, Water Works Supt., 8th St. & 8th Ave., New Westminster, B.C., Can. (Corp. M. Jan. '36)

**Newell, Clark,** Supt. of Water Works, Provo, Utah (July '28)

**Newell, W. R.,** Water Comr., City Water Dept., 1141 N. 8th St., Colton, Calif. (Oct. '40)

**Newkirk, S. F., Jr.,** Engr. & Supt., Board of Water Comrs., 101 City Hall, Elizabeth, N.J. (Oct. '27) *Director '39–'41. Diven Medal '42.*

**Newland, S. H.,** Dist. Engr., Wallace & Tiernan Co., Inc., Box 1458, Abilene, Tex. (Oct. '39)

**Newlands, James A.,** San. Engr., 11 Laurel St., Hartford, Conn. (Oct. '14)

**Newman, Alfred C.,** City Mgr., Leesburg, Fla. (July '37)

**Newmarket Water & Light Com.,** C. C. Rachar, Supt. & Engr., Box 467, Newmarket, Ont., Can. (Corp. M. Jan. '41)

**Newsom, Reeves,** Engr.-Consultant, 500 Fifth Ave., New York, N.Y. (Nov. '18) *Director '36–'38, '40. President '39.*

**Newton, Harry E.,** Asst. Mgr. & Civ. Engr., Citizens Water Co., 62 E. Wheeling St., Washington, Pa. (Oct. '40)

**Newtown, Citizens Water Supply Co. of,** J. Edward Meyer, 83-11 Whitney Ave., Elmhurst, N.Y. (Corp. M. Jan. '11)

**Niagara Alkali Co.,** 60 E. 42nd St., New York, N.Y. (Assoc. M. Apr. '13)

**Nichols, M. Starr,** Chemist, State Lab. of Hygiene, Madison, Wis. (Jan. '26)

**Nicholson, J. T.,** Service Engr., National Aluminate Corp., 2237 Rosewood Ave., Winston-Salem, N.C. (Jan. '41)

**Nicklin, H. S.,** *see* Guelph, City of

**Nicklis, James A.,** Dist. Repr., Wallace & Tiernan Co., Inc., 1697 Wyandotte Rd., Columbus, Ohio (Apr. '39)

**Nicol, Thomas Bruce,** Civ. Engr., 341 Pitt St., Sydney, N.S.W., Australia (July '33)

**Niedrich, August J.,** Chemist, 1453 E. 58th St., Brooklyn, N.Y. (July '41)

**Niemeyer, Howard W.,** Supt. of Distr. & Transportation, Indianapolis Water Co., 113 Monument Circle, Indianapolis, Ind. (Apr. '30)

**Niles, P. D.,** *see* American Water Works & Elec. Co., Inc.

**Niles, Thomas M.,** Greeley & Hansen, 6 N. Michigan Ave., Chicago, Ill. (Oct. '41)

**Nisbet, Geo. A.,** Supt., Water Dept., Box 554, Palisade, Colo. (Oct. '34)

**Nix, J. N.,** *see* Cullman City Light & Water Plant

**Noble, Milford S.,** Supt., Water Dept., City Hall, Palo Alto, Calif. (Apr. '31)

**Noble, Ralph E.,** 10140 Rhodes Ave., Chicago, Ill. (Mar. '27)

**Noguera, Gustavo,** Apdo. 1509, Bogota, Colombia (Apr. '38)

**Non-Corrosive Products Co.,** Edward W. Seymour, Mgr., 2016 Laura Ave., Huntington Park, Calif. (Assoc. M. July '41)

**Norcom, George D.,** Cons. San. Engr. & Chemist, 90 Broad St., New York, N.Y. (June '21)

**Nordell, Eskel,** Chemist, The Permutit Co., 330 W. 42nd St., New York, N.Y. (Apr. '37)

**Noreus, Robertson E.,** Mgr., Technical Dept., Northwest Paper Co., Cloquet, Minn. (Oct. '38)

**Norman, Clifford,** Supt., Bedford Water Works, City Hall, Bedford, Ind. (Jan. '40)

**Norman, Earl E.,** Supt., Dept. of Public Utilities, City Hall, Kalamazoo, Mich. (Sept. '24)

**Norris, M. Alvin,** Chemist, Orlando Utilities Com., Box 3193, Orlando, Fla. (Feb. '27)

**North Bay, City of,** G. E. Elnor, City Foreman, City Hall, Ferguson St., North Bay, Ont., Can. (Corp. M. Jan. '37)

**North Creek Water Dist.,** Kenneth Davis, Supt., North Creek, N.Y. (Corp. M. July '40)

**North Jersey Dist. Water Supply Com.,** John McCutcheon, Business Mgr., Raymond Dam, Wanaque, N.J. (Corp. M. Oct. '34)

**North York, Township of,** G. H. Baker, Water Works Supt., Willowdale, Ont., Can. (Corp. M. Feb. '32)

**Northeastern Water & Elec. Service Corp.,** John Latta, 61 Broadway, New York, N.Y. (Corp. M. Jan. '33)

**Northern Indiana Public Service Co.,** E. D. Anderson, Vice-Pres., 5265 Hohman Ave., Hammond, Ind. (Corp. M. Jan. '36)

**Northington, K. V.,** Water Supt., Ballinger, Tex. (July '35)

**Northrop, Guy C.,** Gen. Sales Mgr., Hydraulic Development Corp., 50 Church St., New York, N.Y. (Oct. '33) *Director '36, '37.*

**Northrop, L. E.,** Mgr., Los Angeles Branch Office, Neptune Meter Co., 701 E. Third St., Los Angeles, Calif. (Sept. '29)

**Norton, John F.,** Research Labs., The Upjohn Co., Kalamazoo, Mich. (May '26)

**Nova Scotia Board of Insurance Underwriters,** H. R. Snuggs, Mgr., 50 Sackville St., Halifax, N.S., Can. (Corp. M. Oct. '40)

**Noyes, A. J.,** *see* Deming Water Dept.

**Nuebling, Edward,** Civ. Engr., 525 W. 238th St., Riverdale, New York, N.Y. (Mar. '25)

**Nunez, Luis Alberto,** Prof. of Hydraulics, Univ. of Havana, Calle 23 No. 1258, Vedado, Havana, Cuba (Jan. '41)

**Nunn, Henry E.,** Supt. of Water Works, Van Buren, Ark. (Oct. '34)

**Nussbaumer, Newell L.,** Nussbaumer & Clarke, Inc., Engrs., 327 Franklin St., Buffalo, N.Y. (May '34)

**Nutting, H. C.,** Pres., H. C. Nutting Testing Engrs., 4120 Davis Lane, Cincinnati, Ohio (Apr. '40)

**Nutting, H. C., Testing Engrs.,** 4120 Davis Lane, Cincinnati, Ohio (Assoc. M. Sept. '33)

**Nutting, N. C.,** Local Mgr., California Water Service Co., 365 B St., San Mateo, Calif. (Sept. '33)

**Oberholtz, Lester,** Asst. to Sales Mgr., Alco Products Div., 30 Church St., New York, N.Y. (Jan. '41)

**Oberly, H. T.,** Supt. of Public Works, St. Petersburg, Fla. (Oct. '39)

**Obras Sanitarias de la Nacion,** *see* Argentina

**Obreiter, Jos. W.,** *see* Bloomfield, Town of

**O'Brien, C.,** *see* Cook, A. D., Inc.

**O'Brien, Denis F.,** A. P. Smith Mfg. Co., East Orange, N.J. (Jan. '35) *Honorary M. '35. Director '41–'43.*

**Ocala Water Dept.,** S. J. Tankersley, Supt., 512 Orange Ave., Ocala, Fla. (Corp. M. Apr. '38)

**Ockershausen, Richard W.,** Technical Service Div., General Chemical Co., Edgewater, N.J. (Apr. '37)

**O'Connell, Wm. J., Jr.,** San Engr., Wallace & Tiernan Sales Corp., 171 Second St., San Francisco, Calif. (Apr. '41)

**O'Connor, Philip J.,** 821 Kenilworth Ave., S.E., Warren, Ohio (Feb. '22)

**Oconomowoc Water Dept.,** John W. Bolson, Supt., Oconomowoc, Wis. (Corp. M. June '29)

**O'Dell, Wilson H.,** Supt. of Public Works, 30 W. Main St., Webster, N.Y. (Jan. '37)

**Odor, W. Ray,** Sales Mgr., Lynchburg Foundry Co., Lynchburg, Va. (Jan. '39)

**Oeffler, W. A.,** Supt., Jasonville Water Dept., 120 S. Lawton St., Jasonville, Ind. (Jan. '37)

**Oelkers, Carl L.,** City Engr., City Hall, North Tonawanda, N.Y. (Apr. '37)

**Oelklaus, Walter G.,** Supt., Munic. Water Works, 101 S. Main St., St. Charles, Mo. (Apr. '40)

**Offutt, F. M.,** Supt., Williamson Water Dept., Williamson, W.Va. (July '35)

**Offutt, Frank M., Jr.,** Operator, City Water Plant, Williamson, W.Va. (Affil. Jan. '41)

**Ogborn, Courtney M.,** 148 State St., Johnstown, Pa. (Apr. '37)

**Ogden, John B.,** Mgr., New Jersey Water Service Co., 3 Paterson Ave., Little Falls, N.J. (July '38)

**Ogden, William H.,** Vice-Pres., South Bay Consolidated Water Co., 60 Glen St., Glen Cove, N.Y. (July '35)

**Ogg, Joseph C.,** Water Works & Sewage Operator, La Grange, Ky. (July '40)

**Oglebay, G. J.,** *see* Indiana, Public Service Co. of

**Ohio Salt Co., The,** H. M. Olson, Promotion Engr., 171 Longue Vue Drive, Mt. Lebanon, Pittsburgh, Pa. (Assoc. M. Oct. '37)

**Ohland, Harold M.,** Hydr. Engr., Water Dept., 22 City Hall, Jersey City, N.J. (July '37)

**Ohlmacher, Joseph C.,** Director, State Health Lab., Vermillion, S.D. (Jan. '40)

**Ohr, Milo F.,** Chief San. Engr., Olson, Dietrick, Carr & Greiner, Box 509, Morehead City, N.C. (Jan. '42)

**Ohrt, Frederick,** *see* Honolulu Board of Water Supply

**Oil City Bureau of Water,** J. A. Angove, Director, Oil City, Pa. (Corp. M. July '34)

**Oke, Ernest E. W.,** Mgr.-Engr., Public Utilities Com., Cochrane, Ont., Can. (July '34)

**Olean Water Dept.,** N. M. Fuller, Supt., City Hall, Olean, N.Y. (Corp. M. Apr. '29)

**O'Leary, Frederick J.,** West Coast Engr., The Barrett Div., 211½ S. Poinsettia Pl., Los Angeles, Calif. (Oct. '34)

**O'Leary, J. E.,** *see* Pittsburgh-Des Moines Steel Co.

**O'Leary, John,** Chairman, Board of Water Works Comrs., Lindsay, Ont., Can. (Jan. '41)

**Olin, Hubert Leonard,** Prof. of Chem. Eng., Univ. of Iowa, Iowa City, Iowa (Apr. '40)

**Olive, Luis Radelat,** Civ. Engr., Public Health Dept., Box 721, Havana, Cuba (Jan. '42)

**Oliver, George T.,** City Engr., City Hall, Emeryville, Alameda County, Calif. (Oct. '37)

**Olsen, Harry,** *see* California Oregon Power Co.

**Olsen, William C.,** Cons. Engr., Raleigh, N.C. (Dec. '21)

**Olson, H. M.,** *see* Ohio Salt Co.

**Olson, Oscar E.,** Jr. Civ. Engr., Bureau of Water Works & Supply, Box 3669 Terminal Annex, Los Angeles, Calif. (Apr. '37)

**Olson, Pehr,** Jr. Engr., Los Angeles Bureau of Water Works & Supply, 14429 Hatteras St., Van Nuys, Calif. (Jan. '35)

**Olson, W. M.,** Supt. of Filtration, Lake & Michigan Aves., Wilmette, Ill. (Apr. '26)

**Omaha Metropolitan Utilities Dist.,** Utilities Bldg., Harney at 18th St., Omaha, Neb. (Corp. M. Apr. '12)

**O'Mealia, F. J.,** Supt., Water Dept., Le Roy, N.Y. (Jan. '36)

**Omega Machine Co.,** L. E. Harper, Secy., 4010 Penn Ave., Kansas City, Mo. (Assoc. M. Jan. '30)

**O'Neill, Chris,** Supt. of Water, Lake Geneva, Wis. (Feb. '30)

**O'Neill, John H.,** State Board of Health, New Orleans, La. (Apr. '25)

**Ongerth, Henry J.,** Asst. San. Engr., Bureau of San. Eng., 1911-B Berryman St., Berkeley, Calif. (Oct. '39)

**O'Nial, William O.,** Technical Officer, Filtration & Water Softening Pty., Ltd., 395 Collins St., Melbourne C.1, Australia (Jan. '36)

**Orchard, William J.,** San. Engr., Box 178, Newark, N.J. (Aug. '17) *Director '36–'38, '42–'44. Honorary M. '37.*

**O'Reilly, A. R.,** 1416 Rose Virginia Rd., Reading, Pa. (May '25)

**Orillia Water, Light & Power Com.,** L. G. McNeice, Water Works Engr., Orillia, Ont., Can. (Corp. M. Apr. '34)

**Orlando Public Utilities Com.,** M. W. Brown, Gen. Mgr., Orlando, Fla. (Aug. '33)

**Ornstein, Georg,** 120 Cabrini Blvd., New York, N.Y. (Jan. '28)

**Ortega, Enrique,** Technical Director, Govt. of City of San Juan, Box 218, San Juan, P.R. (Jan. '42)

**Orth, Robert F.,** Johns-Manville Sales Corp., 1000 Market St., St. Louis, Mo. (July '35)

**Osborn, L. C.,** *see* Loveland, City of

**Osborn, L. M.,** Johns-Manville Sales Corp., 608—16th St., Oakland Calif. (Jan. '38)

**Osborne, James Q.,** Dist. Mgr., De Laval Steam Turbine Co., 706—3rd Ave., Seattle, Wash. (Jan. '28)

**Oshawa Public Utilities Com.,** G. F. Shreve, Gen. Mgr. & Secy., 100 Simcoe St., S., Oshawa, Ont., Can., (Corp. M. Jan. '33)

**Ossining Board of Water Comrs.,** Wallace T. Miller, Supt., Municipal Bldg., Ossining, N.Y. (Corp. M. Jan. '42)

**Ostrander, Jay H.,** *see* Canastota Water Dept.

**Oswego Dept. of Water,** Myron D. Stone, Oswego, N.Y. (Corp. M. June '21)

**Ouellette, Lloyd J.,** Head Acct., Dept. of Water Supply, 735 Randolph St., Detroit, Mich. (Jan. '40)

**Outzen, Andrew N.,** Detroit City Gas Co., Detroit, Mich. (Aug. '23)

**Overholt, G. T.,** New York Sales Agent, U.S. Pipe & Foundry Co., 71 Broadway, New York, N.Y. (Oct. '39)

**Overstreet, Ralph M.,** 1317 S. 4th St., Louisville, Ky. (Jan. '27)

**Oviatt, Geo. R.,** Supt. & Gen. Mgr., Smethport Water Co., Smethport, Pa. (Jan. '39)

**Owego Water Works,** Arthur B. Stiles, Pres., Owego, N.Y. (Corp. M. Apr. '14)

**Owen, Marvin H.,** Engr. in Charge of Operation, Los Angeles Dept. of Water & Power, 11147 La Maida St., North Hollywood, Calif. (Apr. '33)

**Owings, Noble L.,** Asst. Engr., Washington Suburban Sanitary Dist., Riverdale, Md. (Jan. '23)

**Owosso Water Dept.,** Walter H. Bennett, Comr. of Public Utilities, Owosso, Mich. (Corp. M. July '41)

**Ozone Processes, Inc.,** Stanley Jenks, Director of Trade Relations, 1500 Walnut St., Philadelphia, Pa. (Assoc. M. Jan. '40)

**Pace, Albert A.,** Chem. Engr., Duquesne Light Co., 2101 Beaver Ave., Pittsburgh, Pa. (Apr. '41)

**Pacific States Cast Iron Pipe Co.,** Box 18, Provo, Utah (Assoc. M. Oct. '27)

**Paducah Water Works,** (Miss) Lois Sutherland, Treas., Paducah, Ky. (Corp. M. Jan. '34)

**Page, Blaine,** 107 S. Franklin St., Shawano, Wis. (July '35)

**Page, George C.,** Engr., Kennicott Water Softener Co., Ltd., Wolverhampton, England (June '30)

**Page, Hutcheson,** Chem. Engr., Hagan Corp., Chappaqua, N.Y. (July '41)

**Pain, Herbert,** Phillips & Pain, 31 Rue de la Vanne, Montrouge, Seine, France (Mar. '25)

**Paine, G. G.,** *see* Everett Water Dept.

**Painter, Carl Elliott,** Vice-Pres. & Cons. Engr., Water Works Equipment Co., Salt Lake City, Utah (Mar. '24)

**Paisley, Peter P.,** Asst. Chemist, City of Toronto, 324 Markham St., Toronto, Ont., Can. (Jan. '39)

**Paitovi, Antonio,** Rivadavia 3772, Buenos Aires, Argentina (July '19)

**Pallo, Peter E.,** Asst. San. Engr., Hackensack Water Co., Oradell, N.J. (Jr. M. Jan. '41)

**Palm Springs Water Co.,** A. F. Hicks, Pres., Palm Springs, Calif. (Corp. M. Oct. '37)

**Palmer, C. E.,** Box 1655, Erie, Pa. (Oct. '40)

**Palmer, F. F.,** City Engr., Box 486, Forsyth, Mont. (July '34)

**Palmer, Henry Austin,** Water Works Engr., The Causeway, Staines, Middlesex, England (May '30)

**Palmer, R. M.,** Chem. Engr., 381 Fourth Ave., New York, N.Y. (Apr. '30)

**Pan American Refining Corp.,** R. H. Price, Research Lab., Texas City, Tex. (Corp. M. Jan. '42)

**Parbury, Charles B.,** Local Mgr., California Water Service Co., Box 112, Redondo Beach, Calif. (Apr. '41)

**Paris Public Utilities Com.,** George Boucher, Supt., Box 180, Paris, Ont., Can. (Corp. M. Jan. '42)

**Park, J. H.,** City Mgr., City Hall, Compton, Calif. (Jan. '39)

**Parker, Francis L.,** *see* Parker Lab.

**Parker, I. Curtiss,** Cons. Engr., Parker & Hill, 2021 Smith Tower, Seattle, Wash. (Jan. '41)

**Parker, J. C.,** Supt., Public Utility Com., Main & Martin Sts., Elizabeth City, N.C. (Jan. '39)

**Parker Lab.,** Francis L. Parker, Cons. Chemist, 40 Broad St., Charleston S.C. (Corp. M. Jan. '39)

**Parkhurst, E. Raymond,** Sales Mgr., Rensselaer Valve Co., 824 Dwight Bldg., Kansas City, Mo. (July '40)

**Parkinson, Eugene,** Supt., Water Works, Box 294, Port Credit, Ont., Can. (Jan. '40) ★

**Parks, C. A.,** Johns-Manville Sales Corp., 777 Thomas St., Seattle, Wash. (May '38)

**Parks, James A.,** Detroit Dept. of Water Supply, 8300 W. Warren Ave., Dearborn, Mich. (Oct. '35)

**Parks, W. H.,** Bennettsville, S.C. (July '35)

**Parks, W. J., Jr.,** Assoc. Water Works Engr., Camp Utility Office, Camp Davis, N.C. (Aug. '29)

**Parlett, Russell C.,** Water Chemist, Illinois Central R.R., Baggage Room, Mattoon, Ill. (Apr. '37)

**Parranto, Wm. A.,** *see* St. Paul Board of Water Comrs.

**Parratt, S. L.,** Asst. Civ. Engr., Los Angeles Dept. of Water & Power, Box 147, Independence, Calif. (Oct. '31)

**Parry, Jack H.,** Sales Mgr., R. H. Baker Co., Inc., 2070 E. Slausson Ave., Huntington Park, Calif. (Oct. '41)

**Parsons, Norman W.,** County San. Engr., New Cumberland, W.Va. (Oct. '34)

**Partridge, Everett P.,** *see* Calgon, Inc.

**Pasadena Water Dept.,** Morris S. Jones, Chief Engr. & Gen. Mgr., 319 City Hall, Civic Center, Pasadena, Calif. (Corp. M. Oct. '24)

**Passolt, A. A.,** Supt., Newnan Water & Light Com., Newnan, Ga. (May '25) *Fuller Award '39.*

**Patchen, C. B.,** *see* Mason City Water Dept.

**Pate, Carl L.,** 1106 S. Highland St., Chanute, Kan. (Oct. '38)

**Paterson, A. B.,** Pres., New Orleans Public Service, Inc., 317 Baronne St., New Orleans, La. (July '37)

**Paterson, William,** The Paterson Engineering Co., Ltd., Windsor House, Kingsway, London, W.C.2, England (Nov. '24)

**Patitz, G. J.,** Cons. Engr., Standard Brands, Inc., 595 Madison Ave., New York, N.Y. (Oct. '23)

**Patrick, J. G.,** Chemist, West Virginia Pulp & Paper Co., Luke, Md. (June '30)

**Patten, Edward M.,** Supt., Greenwich Union Water Co., Greenwich, N.Y. (Oct. '41)

**Patten, G. H.,** Supt., Village of Rockville Centre, 50 Powell Ave., Rockville Centre, N.Y. (Oct. '38)

**Patten, Omer M.,** Elec. Mech. Engr., Los Angeles Bureau of Water Works & Supply, 3868 East Blvd., Culver City, Calif. (July '37)

**Patterson, Bryan,** Field Engr., Hill, Hubbell Div., 739 Penn, Denver, Colo. (July '41)

**Patterson, J.,** *see* Brampton Water Com.

**Patterson, J. W.,** Div. Mgr., Northeastern Water & Elec. Service Corp., Water St., Skowhegan, Me. (Oct. '38)

**Patterson, James N.,** Chemist, 323 King St., Santa Cruz, Calif. (Oct. '35)

**Patterson, Richard L.,** City Engr. & Supt. of Water Dept., Newport Beach, Calif. (Sept. '28)

**Patterson, W. E.,** Chief Chemist, Sternson Labs., Ltd., Brantford, Ont., Can. (Jan. '36)

**Patton, C. S.,** Sales Mgr., Alco Products Div., 30 Church St., New York, N.Y. (May '30)

**Patton, David H.,** Johns-Manville Sales Corp., 101 Marietta St., Atlanta, Ga. (Oct. '34)

**Paul, Marcel,** Pres., Societe de Pont-a-Mousson, Chateau D'Enval, Boite Postale No. 2 a Brive, (Correze), France (Feb. '27)

**Paul, Thomas,** Chemist & Operator, Water Dept., Bradenton, Fla. (July '39)

**Paulson, Everett J. I.,** Chemist-Operator, Minneapolis Water Works Dept., 2015 Polk St., N.E., Minneapolis, Minn. (Affil. Jan. '41)

**Paulus, Harold J.,** Asst. San. Engr., Box 811, Lamarque, Tex. (July '41)

**Payne, Byron Elbert,** Chief Engr. & Supt., Louisville Water Co., 435 S. 3rd St., Louisville, Ky. (July '41)

**Payne, Fred S.,** Upper Franklin Reservoir, 1294 N. Beverly Drive, Beverly Hills, Calif. (Jan. '36)

**Payne, Gwynne,** Filter Plant Operator, 505 Church St., Spencer, W.Va. (Affil. Jan. '40)

**Peabody, James R.,** 905 Heyburn Bldg., Louisville, Ky. (Dec. '24)

**Pearce, Fletcher W.,** Assoc. Prof. of San. Eng., North Carolina State College, Raleigh, N.C. (Jan. '42)

**Pearl, Emanuel H.,** 166 Hermine St., San Antonio, Tex. (Jan. '37)

**Pearse, Langdon,** San. Engr., Sanitary Dist. of Chicago, S.O. Bldg., 910 S. Michigan Ave., Chicago, Ill. (Feb. '13)

**Pearson, J. F.,** Supt., Water & Light Plant, 52 S. Middleton St., Orangeburg, S.C. (Feb. '29)

**Peart, J. W.,** *see* St. Thomas Public Utilities Com.

**Pease, Maxfield,** 4614 Prospect Ave., Cleveland, Ohio (July '35)

**Peck, Ermon M.,** Cons. Engr., 260 Edgewood St., Hartford, Conn. (July '07)

**Peck, H. S.,** Comr. No. 2, Supt. of Water Dept., Courthouse, Fort Smith, Ark. (July '35)

**Peck, Lawrence J.,** Dist. Mgr., Wallace & Tiernan Co., Inc., 11 Salisbury Rd., Elsmere, N.Y. (May '27)

**Peck, W. O.,** *see* Dunkirk Board of Water Comrs.

**Pedersen, H. V.,** Supt. of Water Works, Municipal Bldg., Marshalltown, Iowa (Mar. '22) *Director '33–'35.*

**Pedley, Frank B.,** Water Supt., East La Verne, Rd. Pomona, Calif. (Nov. '32)

**Pedroso y Montalvo, Mario,** Mgr., Havana Water Works, Ave. de las Americas No. 65, Miramar, Havana, Cuba (Oct. '41)

**Peerless Pump Div.,** E. W. Pierce, Sales Mgr., Box 493, Massillon, Ohio (Assoc. M. June '27)

**Peirce, Walter A.,** Mgr., Water Dept., 2335 Carmel Ave., Racine, Wis. (June '22) *Director '33–'34, '39–'40.*

**Peirson, A. G.,** Supt., Weston Public Utilities Com., Weston, Ont., Can. (Feb. '23)

**Peirson, Nat. D.,** Peirson & Whitman, Cons. Engrs., Security Bank Bldg., Raleigh, N.C. (Jan. '40)

**Pelton, G. Dorr,** Dept. Engr., Water Dept., City Hall, Topeka, Kan. (Oct. '38)

**Pelton Water Wheel Co., The,** C. G. Crawford, 2929—19th St., San Francisco, Calif. (Assoc. M. Oct. '35)

**Pennichuck Water Works,** William F. Sullivan, Pres., Nashua, N.H. (Corp. M. Oct. '14)

**Penning, Fred F.,** Supt., Wood River Munic. Water System, City Hall, Wood River, Ill. (Oct. '41)

**Pennsylvania Salt Mfg. Co.,** N. E. Bartlett, Vice-Pres., 1000 Widener Bldg., Philadelphia, Pa. (Assoc. M. June '03)

**Pensinger, John L.,** *see* Pensinger, L. C., & Son

**Pensinger, L. C., & Son,** John L. Pensinger, 1332 Oak St., Kansas City, Mo. (Assoc. M. Apr. '40)

**Pequegnat, Marcel,** Supt., Kitchener Water Com., Kitchener, Ont., Can. (Feb. '24)

**Perez Guerra, Gustavo L.,** Asst. Engr., Cuartel Viejo a Pineda No. 31, Caracas, Venezuela (Apr. '40)

**Perez, Manuel R.,** Chief Engr., Cienfuegos Acqueduct, San Carlos 111, Cienfuegos, Cuba (Oct. '41)

**Perkerson, Henry A.,** Sales Engr., M & H Valve & Fittings Co., Box 894, Anniston, Ala. (Apr. '41)

**Perkins, Francis D.,** Sales Repr., R. D. Wood Co., Auburn, N.Y. (July '41)

**Perkins, J. L.,** High Point, N.C. (July '35)

**Perkins, Percy M.,** Asst. Mech. Engr., Bureau of Water, Chestnut Street Pier, Philadelphia, Pa. (Affil. Jan. '39)

**Perlas, J. C.,** Asst. Supt. of Filtration, Metropolitan Water Dist., Manila, P.I. (Jan. '40)

**Permutit Co., The,** 330 W. 42nd St., New York, N.Y. (Assoc. M. Mar. '14)

**Perrine, Charles D.,** Operating Engr., Public Service Co. of Indiana, Indianapolis, Ind. (Jan. '37)

**Perry, Aubrey H.,** Dist. Engr., Dept. of Pensions & National Health, Box 1012, Vancouver, B.C., Can. (Mar. '31)

**Perry, F. M.,** Supt., Augusta Road, Water & Sewer Sub-Dist., Box 801, Greenville, S.C. (July '37)

**Perry, G. C.,** Mgr., Crane Co., Box 172, San Bernardino, Calif. (Jan. '41)

**Perryman, John M.,** Engr., R. D. Cole Mfg. Co., Newnan, Ga. (Jan. '40)

**Peterborough Utilities Com.,** R. L. Dobbin, Gen. Mgr., 223 Aylmer St., Peterborough, Ont., Can. (Corp. M. May '11)

**Peters, J. S.,** Chief Engr., Marin Munic. Water Dist., San Rafael, Calif. (Jan. '27)

**Peters, Wm. A.,** *see* Jerome Water Co.

**Petersen, H. V.,** *see* De Laval Steam Turbine Co.

**Peterson, J. H.,** Johns-Manville Sales Corp., 159 New Montgomery St., San Francisco, Calif. (Jan. '35)

**Pew, P. F.,** *see* Infilco, Inc.

**Pfeil, I. A.,** *see* Quigley Co., Inc.

**Pflanz, E. L.,** 695 Vernon Ave., Glencoe, Ill. (July '35)

**Pharoah, Harry W.,** Clymer Water Service Co., Indiana, Pa. (Dec. '27)

**Pharr, J. M.,** Chemist & Bacteriologist, Newport News Water Works Com., Denbigh, Va. (Jan. '37)

**Phelps, George E.,** 2004 Board of Trade Bldg., 141 W. Jackson Blvd., Chicago, Ill. (Jan. '39)

**Philadelphia Suburban Water Co.,** Van Horn Ely Jr., 762 Lancaster Ave., Bryn Mawr, Pa. (Corp. M. May '09)

**Phillips, M. H.,** Supt., Paragould Water Works, Paragould, Ark. (July '38)

**Phillips, Norman, Jr.,** Asst. Engr., State Health Dept., 119 State Office Bldg., Richmond, Va. (Oct. '40)

**Phillips, R. S.,** Chief Chemist, Water Dept., 206 Dacian Ave., Durham, N.C. (Oct. '35)

**Phillis, Howard D.,** Supt., Suburban Mutual Water Co., 945 N. Main St., Los Angeles, Calif. (Oct. '37)

**Phipps & Bird, Inc.,** L. C. Bird, 915 E. Cary St., Richmond, Va. (Assoc. M. Jan. '35)

**Phoenix Meter Corp.,** V. E. Arnold, 147 Waterbury Ave., Prince's Bay, Staten Island, N.Y. (Assoc. M. May '27)

**Piatt, William M.,** Cons. Engr., Durham, N.C. (Aug. '21)

**Picado, Ramon M.,** Cons. Engr., San Jose, Costa Rica, (May '30)

**Picard, Armand,** Jr. Civ. Eng. Draftsman, Dept. of Water Supply, 8805 Lawton St., Detroit, Mich. (Affil. Jan. '39)

**Pickels, George W.,** Univ. of Illinois, 210 Engineering Hall, Urbana, Ill. (Oct. '37)

**Pierce, E. W.,** *see* Peerless Pump Div.

**Pile, Richard,** Supt. of Water Works, Somerset, Pa. (Mar. '30)

**Pincus, Sol,** San. Engr., 225 W. 86th St., New York, N.Y. (Feb. '20)

**Piner, Raymond E.,** Chemist, Springfield City Water Co., 801 Boonville Ave., Springfield, Mo. (July '35) ★

**Pinkerton, C. S.,** *see* Cutler-Hammer, Inc.

**Pinkham, Chesley M.,** Chief Operator, Filter Plant, Water Works Dept., 1312 Colina Lane, Santa Barbara, Calif. (Oct. '37)

**Pinkney, Mark E.,** Water Comr., Village Water Dept., Webster, N.Y. (Jan. '42)

**Pinkston, J. T.,** Supt. of Water Works, City Hall, Meridian, Miss. (Apr. '29)

**Pinner, John A., Jr.,** Supt., Water Dept., Brookfield, Ill. (Oct. '39)

**Pioneer Asphalt Co.,** Joseph J. Tumpeer, Pres., 435 N. Michigan Ave., Chicago, Ill. (Corp. M. Jan. '41)

**Piper, Fred V. H.,** Office Mgr., Bureau of Water, City Hall, Niagara Falls, N.Y. (Apr. '37)

**Pirie, Jas.,** Sales Engr., 824 Downer, Lansing, Mich. (Apr. '38)

**Pirnie, Malcolm,** Cons. Engr., 25 W. 43rd St., New York, N.Y. (May '17) *Diven Medal '31. Director '31–'33, '35–'42. President '34.*

**Pirnie, Malcolm, Jr.,** 2411 N. Charles St., Baltimore, Md. (Oct. '39)

**Pitometer Co., The,** 50 Church St., New York, N.Y. (Assoc. M. July '06)

**Pittsburg Munic. Water Works,** Frank R. Chilton, City Mgr., Pittsburg, Calif. (Corp. M. Feb. '30)

**Pittsburgh Equitable Meter Co.,** R. S. Reed Jr., 400 N. Lexington Ave., Pittsburgh, Pa. (Assoc. M. June '98)

**Pittsburgh Plate Glass Co.,** *see* Columbia Chemical Div.

**Pittsburgh-Des Moines Steel Co.,** J. E. O'Leary, Neville Island, Pittsburgh, Pa. (Assoc. M. Apr. '14)

**Place, Clyde R.,** Cons. Engr., 420 Lexington Ave., New York, N.Y. (Jan. '42)

**Plageman, R. D.,** *see* Western Pipe & Steel Co. of California

**Plamondon, Adrien,** Engr. & Contractor, 369 Mount-Royal St., W., Montreal, Que., Can. (May 16)

**Plamondon, Sarto R.,** Engr., Ministry of Health, Div. of Industrial Hygiene, Parliament Bldgs., Quebec, Que., Can. (Jan. '41)

**Plumb, D. S., Co., Inc.,** L. A. Hall, Vice-Pres., 73 Norfolk St., Newark, N.J. (Assoc. M. June '39)

**Plummer, Wade,** Supt., Butte Water Co., Butte, Mont. (Dec. '25) *Director '40–'42.*

**Pohl, John A.,** Eng. Draftsman, Bureau of Water Works & Supply, 3817 Sheffield Ave., Los Angeles, Calif. (Apr. '38)

**Pointer, William W.,** Supt. & Gen. Mgr., City Light, Water & Gas Dept., Troy Ala. (Apr. '29)

**Poling, C. A.,** Asst. Water Sales Agent, Los Angeles Dept. of Water & Power, 10411 Camarillo St., North Hollywood, Calif. (Oct. '34)

**Polk, Wesley W.,** Chief Highway Engr., 423 Centennial Bldg., Springfield, Ill. (Mar. '26)

**Pollard, Joseph G., Co., Inc.,** R. T. Mitchell, 142 Ashland Pl., Brooklyn, N.Y. (Assoc. M. Apr. '26)

**Pollock, L. V.,** Resident Engr., Birmingham Water Works Co., Birmingham, Ala. (July '39)

**Pollock, T. H.,** Supt., Plattsmouth Water Corp., 130 N. 6th St., Plattsmouth, Neb. (June '40)

**Pomfret, Nelson A.,** Engr., North Jersey Dist. Water Supply Com., 49 Chestnut Drive, Packanack Lake, N.J. (Oct. '40)

**Pomona Pump Co.,** 206 E. Commercial St., Pomona, Calif. (Assoc. M. May '27)

**Poole, B. A.,** State San. Engr., 4735 Sunset Blvd., Indianapolis, Ind. (Jan. '35)

**Poole, George J.,** Supt. of Pumping Stations, Water Dept., 3855 Emerson Ave., N., Minneapolis, Minn. (June '30)

**Port Hope Water Works Com.,** George W. Garnett, Chairman, Port Hope, Ont., Can. (Corp. M. Mar. '29)

**Porter, D. P.,** Supt. of Water Works, 1305 E. 4th St., Pueblo, Colo. (Sept. '16) *Director '31.*

**Porter, F. B.,** Pres., Southwestern Labs., Box 1379, Fort Worth, Tex. (June '30)

**Porter, Fred S.,** 3939 Myrtle Ave., Long Beach, Calif. (Oct. '32)

**Porter, S. J.,** 345 Vermont St., San Francisco, Calif. (Oct. '37)

**Portland Bureau of Water Works,** Ralph C. Clyde, City Comr., 115 City Hall, Portland, Ore. (Corp. M. Apr. '38)

**Portland Cement Assn.,** W. F. Tempest, Repr., Highways & Munic. Bureau, 33 W. Grand Ave., Chicago, Ill. (Corp. M. Oct. '37)

**Portman, Roland W.,** 3465 S. Emerson St., Denver, Colo. (Jan. '41)

**Porzelius, A. F.,** Mgr., City Water Co., Chattanooga, Tenn. (July '20) *Trustee '30. Director '31, '32.*

**Potter, H. N.,** Chem. Engr., Dearborn Chemical Co., 2454-64 Dundas St., W., Toronto, Ont., Can. (Apr. '39) ★

**Potter, Howard H.,** Water Works Engr., Maine Public Utilities Com., State House, Augusta, Me. (Jan. '40)

**Potter, James T.,** Chem. Engr., 314 Wilder Bldg., Charlotte, N.C. (Jan. '39)

**Potts, Clyde,** Civ. & San. Engr., 30 Church St., New York, N.Y. (July '06)

**Potts, H. G.,** 257 Superior St., Wyandotte, Mich. (Jan. '38)

**Poughkeepsie Board of Public Works,** Eastman Park, Poughkeepsie, N.Y. (Corp. M. Dec. '12)

**Poulter, A. F.,** Local Mgr., California Water Service Co., 2806 San Emidio St., Bakersfield, Calif. (Jan. '37)

**Powell, Alexander C.,** 136 Grant St., Bangor, Me. (Mar. '10)

**Powell, H. P.,** *see* Griffin Light, Water & Sewerage Dept.

**Powell, Henry T.,** *see* Henderson Water Works

**Powell, Sheppard T.,** Cons. Chem. Engr., 330 N. Charles St., Baltimore, Md. (July '06)

**Powers, Leonard T.,** Supt., Water & Light Dept., East Grand Forks, Minn. (Apr. '40)

**Powers, Newton W.,** Electrician, Filtration Plant, Dept. of Water Supply, Water Works Park, Detroit, Mich. (Apr. '40)

**Pracy, Geo. Wesley,** Supt., San Francisco Water Dept., 425 Mason St., San Francisco, Calif. (May '15) *Trustee '28-'30. President '33. Director '34.*

**Pratt, Gilbert H.,** Wallace & Tiernan Co., Inc., 346A Newbury St., Boston, Mass. (June '16)

**Pratt, Jack W.,** Asst. San. Engr., State Dept. of Public Health, 3093 Life Sciences Bldg., Univ. of California, Berkeley, Calif. (Jan. '41)

**Pratt, S. W.,** *see* Seneca Falls Water Dept.

**Pray, John W.,** Supt. of Water Works, Ft. Dodge, Iowa (June '13) *Fuller Award '39.*

**Prescott, W. Howard,** Salesman, R. H. Baker Co., Inc., 2070 E. Slausson Ave. Huntington Park, Calif. (Oct. '41)

**Preston, A. W.,** City Engr., Monterey Park, Calif. (Oct. '40)

**Preston, J. E.,** Member of Board, Dept. of Water & Sewers, Box 551, Miami, Fla. (Apr. '42)

**Preston Light & Water Com. on Public Utilities,** W. E. Swartz, Supt., 833 King St., Preston, Ont., Can. (Corp. M. Jan. '38)

**Price, H. Arthur,** Asst. Specification Engr., Bureau of Water Works & Supply, Box 3669 Terminal Annex, Los Angeles, Calif. (Oct. '34)

**Price, Norman,** Gen. Foreman, Repair & Meter Service, Rochester Water Works, Dewey Ave. & Bloss St., Rochester, N.Y. (July '35)

**Price, R. H.,** *see* Pan American Refining Corp.

**Price, Will,** Supt. of Water & San. Sewers, City Hall, Longmont, Colo. (Jan. '34)

**Priess, O. L.,** Water Works Supply Salesman, Box 5190, Denver, Colo. (July '37)

**Prindle, George B.,** Supt. of Water Works, 374 Oakland Drive, Highland Park, Ill. (Mar. '24)

**Pringle, H. L.,** *see* Whitby Public Utility Com.

**Pringle, J. T.,** Supt., Stamford Water Works, 981 Drummond Rd., Niagara Falls, Ont., Can. (Apr. '25)

**Prior, G. W.,** *see* Laguna Beach County Water Dist.

**Prior, John C.,** Prof. of San. Eng., Brown Hall, Ohio State Univ., Columbus Ohio (Oct. '26)

**Pritchard, John C.,** 5137 Waterman Ave., St. Louis, Mo. (Feb. '26) ★

**Proctor, Edward M.,** Cons. Engr., 177 Inglewood Drive, Toronto 5, Ont., Can. (May '21)

**Proportioneers, Inc.,** Jeff. Corydon, Pres., 9 Codding St., Providence, R.I. (Assoc. M. Apr. '39)

**Propst, J. M.,** 500 S. Hamilton St., Neosho, Mo. (Jan. '36)

**Proulx, Georges,** City Engr., Chicoutimi, Que., Can. (Oct. '41)

**Providence Water Supply Board,** Philip J. Holton Jr., Supt., 209 Fountain St., Providence, R.I. (Corp. M. Oct. '34)

**Provost, Andrew J., Jr.,** Darien, Conn. (May '08)

**Public Works,** 310 E. 45th St., New York, N.Y. (Assoc. M. May '18)

**Puckhaber, Fred H.,** Sales Engr., 1119 Liberty Bank Bldg., Dallas, Tex. (Apr. '38)

**Puente, Manuel J.,** Cons. Engr., Box 898, Havana, Cuba (Jan. '36)

**Pulp and Paper Industry,** *see* Technical Assn.

**Purcell, Hugh G.,** Mgr., Hugh G. Purcell Co., 304 Colman Bldg., Seattle, Wash. (Jan. '28)

**Purcell, Lee T.,** Analyst, North Jersey Dist. Water Supply Com., Wanaque, N.J. (Jan. '31)

**Purdy, Alvin C.,** Cons. Chemist, Bull & Roberts, 117 Liberty St., New York, N.Y. (Jan. '41)

**Pure Water Co., Inc.,** V. J. Ferzacca, Gen. Supt., Logan, W.Va. (Corp. M. July '40)

**Purity Springs Water Co.,** G. B. Warner, Gen. Mgr., Box 30, Tampa, Fla. (Corp. M. July '35)

**Purser, John R., Jr.,** Treas., J. R. Purser Sales Engineering, Inc., 816 Independence Bldg., Charlotte, N.C. (Oct. '39)

**Pyle, Fred D.,** *see* San Diego Water Dept.

**Quait, Robert L.,** *see* Limestone Products Corp. of America

**Qualkenbush, Raymond L.,** Water Service Foreman, C. I. & L. Ry., Monon, Ind. (Affil. Oct. '41)

**Quandt, Charles H.,** Quandt Pumping Station, Box 42, Torrance, Calif. (Jan. '36)

**Quebec Public Service Board,** Gustave St. Jacques, Courthouse, Quebec, Que., Can. (Corp. M. Apr. '41)

**Quigley Co., Inc.,** I. A. Pfeil, 56 W. 45th St., New York, N.Y. (Assoc. M. Oct. '35)

**Quigley, Harold W.,** *see* Michigan Alkali Co.

**Quigley, Lewis A.,** Supt., City Water Works, 3320 W. Berry, Fort Worth, Tex. (June '27)

**Quigley, T. T.,** San. Engr., Wallace & Tiernan Co., Inc., Box 178, Newark, N.J. (Oct. '37)

**Quilty, Patrick,** Comr., Dept. of Water Supply, Gas & Electricity, 2360 Municipal Bldg., New York, N.Y. (May '30)

**Quimby, Frank K.,** Constr. Engr., Racine Water Dept., City Hall, Racine, Wis. (July '30)

**Quincy Water Works Com.,** Orville J. Smith, 415 Hampshire St., Quincy, Ill. (Corp. M. Apr. '27)

**Quinn, John J.,** Chief Chemist, Knoxville Water Bureau, 2915 McCalla Ave., Knoxville, Tenn. (May '30) *Director '36–'38.*

**Quinn, Joseph L., Jr.,** Sr. San. Engr., State Board of Health, 1098 W. Michigan St., Indianapolis, Ind. (Oct. '41)

**Quinnell, Fred,** City Mgr., City Hall, Bozeman, Mont. (Feb. '22)

**Quirk, M. Edward,** Asst. Supt., Water Dept., 38 Sutton St., Peabody, Mass. (Apr. '37)

**Raab, Frank,** Chemist & Bacteriologist, Fridley Filtration Plant, Minneapolis, Minn. (Oct. '21)

**Rachar, C. C.,** *see* Newmarket Water & Light Com.

**Radcliffe, Dewey M.,** Sr. Engr., Supt. of Water Supply, District of Columbia, U.S. Engr. Office, 1st & Douglas Sts., Washington, D.C. (Jan. '41)

**Radcliffe, John L.,** Chemist, Elizabethtown Water Co., Cons., 535 Trotter Lane, Elizabeth, N.J. (Feb. '20)

**Rainey, Clarence M.,** Water Supt., 735 W. Bonneville St., Pocatello, Idaho (Nov. '27)

**Raleigh Water Dept.,** E. M. Johnson, Asst. Supt., City Hall, Raleigh, N.C. (Corp. M. Oct. '40)

**Ralls, W. E.,** Supt., Trenton Munic. Utilities, Trenton, Mo. (Apr. '39)

**Ralston, Gerald E.,** Box 271, Steeleville, Ill. (Jan. '41)

**Ramacher, Bismark E.,** Meter Tester, Fresno City Water Dept., 1926 Tuolumne St., Box 512, Fresno, Calif. (Oct. '38)

**Rammer, H. L.,** Chief Chemist, Lab., Fibreboard Products, Inc., Stockton, Calif. (Oct. '39)

**Ramseier, R. E.,** 2813 Parker St., Berkeley, Calif. (Apr. '39)

**Ramsey Water Works,** James A. Conklin, Supt., 33 N. Central Ave., Ramsey, N.J. (Corp. M. July '35)

**Randall, C. C.,** Supt., Lincolnton Water Dept., Lincolnton, N.C. (July '37)

**Randall, William Thomas,** Neptune Meters, Ltd., Long Branch, Ont., Can. (Jan. '38)

**Randle, Harold,** Engr., Calgary Power Co., Ltd., 504 Insurance Exchange Bldg., Calgary, Alta., Can. (Apr. '42)

**Randle, M. B.,** Cities Supply Co., Sumter, S.C. (July '35)

**Randlett, Fred Morse,** Vice-Pres. & Gen. Mgr., Robert W. Hunt Co., 175 W. Blvd., Chicago, Ill. (June '20) *Trustee '25-'27*

**Randorf, A. P.,** Charles A. Randorf Co., 220 Delaware Ave., Buffalo, N.Y. (Apr. '41)

**Rankin, R. S.,** The Dorr Co., Inc., 570 Lexington Ave., New York, N.Y. (Apr. '40)

**Ratliffe, Clyde,** Plant Supt., Water Dept., Wadesboro, N.C. (Apr. '40)

**Rau, William J.,** 115 Marshall Ave., Floral Park, N.Y. (Jan. '36)

**Rausch, Clair C.,** Jr. San. Chemist, 2560 Harding Ave., Detroit, Mich. (July '38)

**Rauscher, Forest L.,** 904 W. Greene St., Piqua, Ohio (July '35)

**Rawlins, George S.,** Civ. Engr., J. N. Pease & Co., Johnston Bldg., Charlotte, N.C. (Oct. '39)

**Rawn, A. N.,** Chief Engr., Los Angeles County Sanitation Dist., 110 S. Broadway, Los Angeles, Calif. (Oct. '34)

**Read, A. W.,** Water Dept., Bangor, Me. (July '35)

**Read, C. S.,** *see* Tuscaloosa, City of

**Read, Daniel,** Treas., East Bay Munic. Utility Dist., 512—16th St., Oakland, Calif. (Oct. '39)

**Read, George,** 206 S. Rampart Blvd., Los Angeles, Calif. (Sept. '29)

**Read, Miles H.,** Asst. Engr., Simplex Valve & Meter Co., 68th & Upland Sts., Philadelphia, Pa. (Apr. '30)

**Reading Bureau of Water,** 207 City Hall, Reading, Pa. (Corp. M. Mar. '16)

**Reager, John J.,** Supt. & Engr., Perth Amboy Water Works, City Hall, Perth Amboy, N.J. (Jan. '37)

**Reale, G. F.,** *see* Hooker Electrochemical Co.

**Reardon, P. H.,** Supt., City Water Dept., Marion, Ind. (Jan. '39)

**Rebsamen, Lloyd M.,** Mgr., City Water & Light Plant, Jonesboro, Ark. (Jan. '34)

**Red Hed Mfg. Co.,** 368 Congress St., Boston, Mass. (Assoc. M. Apr. '39)

**Redding, Harry P.,** Engr., Durham Water Dept., No. 10 Glenn Apts., Durham, N.C. (Oct. '39)

**Redfern, W. Blaine,** James, Proctor & Redfern, 1004 Exchange Life Bldg., 36 Toronto St., Toronto 2, Ont., Can. (Nov. '19)

**Redington, H. R.,** National Tube Co., 1719 Frick Bldg., Pittsburgh, Pa. (Apr. '40)

**Reece, Howell,** Illinois Athletic Club, 112 S. Michigan Ave., Chicago, Ill. (Oct. '38)

**Reed, Clarence H.,** Asst. San. Engr., Metropolitan Water Works, Framingham, Mass. (May '30)

**Reed, I. H.,** Vice-Pres., Treas. & Mgr., Sedalia Water Co., 111 W. 4th St., Sedalia, Mo. (Jan. '39)

**Reed, Paul W.,** Asst. Engr., Bureau of San. Eng., State Board of Health, 1098 W. Michigan St., Indianapolis, Ind. (Apr. '40) ★

**Reed, R. S., Jr.,** *see* Pittsburgh Equitable Meter Co.

**Reemelin, O. B.,** Vice-Pres., Dayton Power & Light Co., 25 N. Main St., Dayton, Ohio (July '40)

**Reep, E. P.,** Chemist, Water Works Dept., Girard, Ohio (July '35)

**Rees, Rhea,** Supt., Water Dept., City Hall, Sioux Falls, S.D. (Jan. '39)

**Refinite Corp., The,** C. W. Woods, Refinite Bldg., Omaha, Neb. (Assoc. M. Apr. '32)

**Regenfuse, Paul,** Chemist, South Carolina Elec. & Gas Co., Parr, S.C. (Apr. '39)

**Regester, Robert T.,** Cons. Engr., Baltimore Life Bldg., Baltimore, Md. (July '35)

**Regina Water Works Dept.,** J. W. D. Farrell, Supt., City Hall, Regina, Sask., Can. (Corp. M. Apr. '24)

**Regnier, R. C.,** Asst. Chief, Civ. Eng. Sec., Chief, Water Supply Sec., Chemical Warfare Service, U.S. Army, Huntsville Arsenal, Ala. (Jan. '42) ★

**Reichardt, H. G.,** Supt., City Water Dept., Watertown, Wis. (Oct. '31)

**Reid, G. G.,** Cons. Engr., 7 Edmund Ave., Toronto, Ont., Can. (July '41)

**Reid, W. M.,** *see* Canton Munic. Utilities

**Reiff, Andrews S.,** *see* Hastings Board of Public Works

**Reighard, Claude L.,** Supt. of Water Purif., Monroe Water Dept., 523 E. 6th St., Monroe, Mich. (Jan. '41)

**Reilly, Raymond T.,** Whitman, Requardt & Smith, Engrs., Huntsville, Ala. (July '35)

**Reilly Tar & Chemical Corp.,** William Higburg, 1615 Merchants Bank Bldg., Indianapolis, Ind. (Assoc. M. Jan. '36)

**Reily, James S.,** Comr. of Public Utilities, Shreveport, La. (July '40)

**Reinhardt, Harry,** Vice-Pres., California Water & Telephone Co., 300 Montgomery St., San Francisco, Calif. (Apr. '31)

**Reinhold, Richard H.,** Dist. Sales Mgr., Darling Valve & Mfg. Co., R.D. No. 10, Pittsburgh, Pa. (Apr. '39)

**Reinicker, L. T.,** Vice-Pres., Riverton-Palmyra Water Co., Morgan & Bank Aves., Palmyra, N.J. (June '29)

**Reinke, Edward A.,** Sr. San. Engr., Bureau of San. Eng., State Dept. of Public Health, 3093 Life Sciences Bldg., Berkeley, Calif. (Nov. '23)

**Reliable Iron Foundry, Inc.,** 1583 Fishburn St., Los Angeles, Calif. (Assoc. M. July '34)

**Remington Arms Co., Inc.,** Lake City Ordnance Plant, Independence, Mo. (Corp. M. Jan. '42)

**Renshaw, William C.,** Asst. Engr., Water Dept., 425 Mason St., San Francisco, Calif. (Nov. '33)

**Rensselaer Valve Co.,** Troy, N.Y. (Assoc. M. May '90)

**Reny, Fred J.,** Treas. & Gen. Mgr., Portland Water Dist., 16 Casco St., Portland, Me. (Jan. '42)

**Republic Steel Co.,** Sales Promotion Div., Republic Bldg., Cleveland, Ohio (Assoc. M. Apr. '32)

**Requardt, Gustav J.,** Whitman, Requardt & Smith, Engrs., 1304 St. Paul St., Baltimore, Md. (May '23)

**Ress, Norman E.,** Supt., Tell City Water Dept., Tell City, Ind. (Sept. '40)

**Rettig, G. J.,** Asst. Engr., Alvord, Burdick & Howson, 20 N. Wacker Drive, Chicago, Ill. (Oct. '41)

**Revelle, J. E.,** ℅ H. E. Pease, 4013 Vinceton St., Pittsburgh, Pa. (Apr. '40) ★

**Revere Copper & Brass, Inc.,** W. Weir Henry, Asst. Sales Mgr., 230 Park Ave., New York, N.Y. (Assoc. M. Aug. '28)

**Reynolds, Albert H.,** Chief Chemist, Dearborn Labs., 1029 W. 35th St., Chicago, Ill. (Dec. '29)

**Reynolds, Earl T.,** Supt., Oxford Light & Water Co., Oxford, Ind. (Affil. Jan. '41)

**Reynolds, Frank H.,** 403 Volunteer Bldg., Atlanta, Ga. (July '35)

**Reynolds, James H.,** Asst. Supt., Lowell Water Works, City Hall, Lowell, Mass. (Jan. '36)

**Reynolds, Leon B.,** Prof., Hydr. & San. Eng., Stanford Univ., Calif. (Nov. '28)

**Reynolds, M. W.,** Supt., City Water Dept., Durand, Mich. (July '39)

**Reynolds, Otto S.,** Water Works Engr., 6220 Harrison St., Kansas City, Mo. (Aug. '27)

**Reynolds, R. W.,** *see* West Palm Beach Water Co.

**Rhoads, A. L.,** Supt., West Virginia Water Service Co., Bluefield, W.Va. (May '26)

**Rhoads, G. A.,** Mgr., Safford Munic. Utilities, Safford, Ariz. (Apr. '41)

**Rhodes, Fred,** Director of Public Works, San Diego, Calif. (Oct. '34)

**Rhynus, C. P.,** Box 766, Poughkeepsie, N.Y. (May '12)

**Rial, Walter Percy,** Engr.-in-Chief, Shanghai Water Works Co., Ltd., 484 Kiangse Rd., Shanghai, China (Jan. '39)

**Rian, John,** Dist. Supt., Northern Indiana Public Service Co., 526 Franklin St., Michigan City, Ind. (Affil. Jan. '41)

**Rice, A. J.,** *see* Carolina Aluminum Co.

**Rice, B. P.,** Supervising Engr., Reconstruction Finance Corp., Bond Service Div., Atlanta, Ga. (Apr. '37)

**Rice, Cyrus Wm.,** Pres., Cyrus Wm. Rice Co., Inc., Highland Bldg., Pittsburgh, Pa. (Oct. '24)

**Rice, Homer D.,** Mgr., Buffalo Div., New York Fire Insurance Rating Organization, 840 Marine Trust Bldg., Buffalo, N.Y. (Apr. '37)

**Rice, Hugh B.,** 630 Ross Rd., Lexington, Va. (June '34) ★

**Rice, John M.,** Cons. Engr., Grant Bldg., Pittsburgh, Pa. (June '21)

**Rice, Owen,** Hall Labs., Inc., 300 Ross St., Pittsburgh, Pa. (Apr. '37)

**Rice, P. J.,** Operator, Water Purif. Plant, Durham, N.C. (Oct. '39)

**Rice, W. H.,** Supt. of Bldgs. & Grounds, Morehead State Teachers College, Morehead, Ky. (July '41)

**Rich, Edward D.,** Deputy Director, Bureau of Eng., Michigan Dept. of Health, Lansing, Mich. (Jan. '39)

**Rich Mfg. Co., Ltd.,** E. F. Alt, Sales Mgr., 3851 Santa Fe Ave., Los Angeles, Calif. (Assoc. M. Sept. '27)

**Richards, E. D.,** Mgr., Valley Water Co., Box 56, La Canada, Calif. (July '36)

**Richards, H. H.,** Supt., Industrial Chemical Sales Div., No. 1 Chemical Plant, Piedmont, W.Va. (Jan. '37)

**Richardson, Charles G.,** Sales Mgr., Builders-Providence, Inc., Providence, R.I. (July '20)

**Richardson, E. W.,** Munic. Engr., Municipality of West Vancouver, 1109 Keith Rd., West Vancouver, B.C., Can. (Apr. '41)

**Richardson, G. S.,** *see* Tilbury Public Utilities Com.

**Richardson, J. C.,** Supt. & Chief Chemist, Saginaw Filter Plant, Saginaw, Mich. (May '30)

**Richey, Dale,** Instructor, Bacteriology Dept., Mississippi State College, State College, Miss. (Oct. '39)

**Richey, L. G.,** City Engr., Box 374, Belmont, N.C. (Oct. '41)

**Richfield Springs Water Com.,** Howard Crist, Supt., Richfield Springs, N.Y. (Corp. M. Oct. '39)

**Richheimer, Charles E.,** Cons. Engr., Box 36, Jacksonville, Fla. (Jan. '37)

**Rickard, Grover E.,** Engr. in Charge of Filtration, City Water Works, 11 City Hall, Burlington, Vt. (June '26)

**Riddell, C. C.,** Supt., City Water Works, Raton, N.M. (July '35)

**Riddick, Thomas M.,** Cons. Engr. & Chemist, 369 E. 149th St., New York, N.Y. (Oct. '34)

**Ridenour, G. M.,** Assoc. Resident Lecturer, School of Public Health, Univ. of Michigan, Ann Arbor, Mich. (Jan. '41)

**Ridenour, Ralph O.,** Jr. Civ. Engr., 1039 Redondo Blvd., Los Angeles, Calif. (Apr. '38)

**Ridenour, W. E.,** Chief Chemist, Bird-Archer Co., 4337 N. American St., Philadelphia, Pa. (Dec. '28)

**Ridgely, Raymond G.,** Director, Bureau of Munic. Water Supply, Box 838, St. Petersburg, Fla. (Oct. '30)

**Ridgway, Wm. C.,** Supt., Water Works, 111 E. Main St., Lebanon, Ind. (Jan. '40)

**Riedel, Carl Martin,** Designing Engr., 8022 Paxton Ave., Chicago, Ill. (June '33)

**Riehl, Merrill L.,** 380 Garden Rd., Columbus, Ohio (Apr. '40)

**Riker, I. Russell,** Engr., Boro Hall, Princeton, N.J. (Affil. Jan. '38)

**Rimbach, T. M.,** Sales Engr., The Permutit Co., 4046 Olive St., St. Louis, Mo. (Apr. '40)

**Rimmer, James H.,** Asst. Supervisor, Cincinnati Water Works, City Hall, Cincinnati, Ohio (Apr. '40)

**Rindelhardt, Karl F.,** Jr. Civ. Engr., Dept. of Water Supply, 706 Water Board Bldg., Detroit, Mich. (July '40)

**Riordan, John E.,** Supt. of Filtration, 14 Sunset Hill Ave., Norwalk, Conn. (Oct. '37)

**Ripple, Oliver J.,** Supt. of Filtration, R.F.D. No. 2, Littleton, Colo. (Jan. '30) *Director '41–'43.*

**Ritch, Paul E.,** Asst. Civ. Engr., Los Angeles Dept. of Water & Power, Independence, Calif. (Oct. '34)

**Ritchie, E. G.,** 5 Lynedoch Ave., E. St. Kilda, S.2, Melbourne, Australia (Sept. '12)

**Ritzel, William J.,** Supt., Pasadena Water Dept., 1040 Manzanita St., Pasadena, Calif. (Oct. '38)

**Riverside Water Dept.,** R. L. Boulden, Riverside, Calif. (Corp. M. July '26)

**Roach, Robert,** *see* Muscatine City Water Works

**Robbins, Clyde,** *see* Delphi Water Works

**Robbins, Everitt,** Supt., Dept. of Water Works, 55 N. 1st St., Scottsburg, Ind. (July '37)

**Robbins, Franklin H.,** Designing Engr., Board of Water Supply, Gas & Electricity, 346 Broadway, New York, N.Y. (Apr. '30)

**Robbins, George M.,** Sales Agent, U.S. Pipe & Foundry Co., 625 Plymouth Bldg., Minneapolis, Minn. (Oct. '39)

**Robbins, James Melvin,** Assoc. Prof. of Civ. Eng., Newark College of Engineering, 367 High St., Newark, N.J. (Jan. '39)

**Robbins, W. D.,** City Mgr., City Hall, Niagara Falls, N.Y. (Feb. '26)

**Robert, Cavett,** Vice-Pres., Arizona Edison Co., Inc., Douglas, Ariz. (Jan. '41)

**Roberts, Alfred M.,** Pres., Wanakah Water Co., R.D. No. 3, Hamburg, N.Y. (July '25)

**Roberts, E. Fred,** E. F. Roberts & Co., Brantford, Ont., Can. (Jan. '38)

**Roberts, F. C., Jr.,** Box 728, Lompoc, Calif. (July '35)

**Roberts Filter Mfg. Co.,** Charles F. Thomas, Darby, Philadelphia, Pa. (Assoc. M. Mar. '10)

**Roberts, H. G.,** Dist. Mgr., Rensselaer Valve Co., 411 Sharon Bldg., San Francisco, Calif. (Oct. '37)

**Roberts, James Moran,** Asst. Mgr., Munic. Eng. Dept., Robert & Co., Inc., 280 Lindbergh Drive, N.E., Atlanta, Ga. (Apr. '38)

**Roberts, John S., Jr.,** Borough Engr., Bristol, Pa. (June '20)

**Roberts, William H.,** Comr. of Public Works, 54 Court St., Rochester, N.Y. (Apr. '38)

**Robie, Kenneth W.,** Asst. Supt., Brookline Water Dept., 20 Copley St., Brookline, Mass. (Jan. '42)

**Robinson, Delbert W.,** Water Works Engr., Community Public Service Co., Fort Worth, Tex. (Apr. '27)

**Robinson, Frank,** Mgr., Water Works, East Liverpool, Ohio (July '34)

**Robinson, Hamilton E.,** City Engr., City Hall, Huntington Park, Calif. (Jan. '36)

**Robinson, J. Albert M.,** Cons. Engr., 228 N. La Salle St., Chicago, Ill. (Oct. '31)

**Robinson, J. W.,** Gen. Mgr., County Water Dist., 216 N. Church St., Pico, Calif. (Apr. '36)

**Robinson, John H.,** Supt., Concord Water & Sewer Dept., Town House, Concord, Mass. (Jan. '40)

**Robinson, Sam P.,** Chief Chemist, Brunswick Pulp & Paper Co., Brunswick, Ga. (Jan. '40)

**Robinson, Wm. E.,** Water Works Engr., City Hall, Calgary, Alta., Can. (Feb. '30)

**Roby, Richard Edward,** Asst. Chemist, Hackensack Water Co., 735 Kinderkamack Rd., Riveredge, N.J. (Jr. M. Jan. '41)

**Rocca, Agostino,** S.A. Stabilimenti di Dalmine, Dalmine, Bergamo, Italy (Sept. '31)

**Rock, Harold F.,** Dist. San. Engr., State Dept. of Health, 16 Dietz St., Oneonta, N.Y. (Jan. '40)

**Rock Island Water Dept.,** Nicholas J. Hoeltzner, Supt. of Water Works, Rock Island, Ill. (Corp. M. Oct. '41)

**Rockfellow, D. E.,** Chief Draftsman, Bureau of Water Works & Supply, Box 3669 Terminal Annex, Los Angeles, Calif. (Oct. '29)

**Rockwell, Willard F.,** Cons. Engr., 400 N. Lexington Ave., Pittsburgh, Pa. (Feb. '28)

**Rod, Mons,** City Water Supt., Kent, Wash. (Apr. '36)

**Rodan, John T.,** 61 S. 27th St., Camden, N.J. (Affil. Jan. '39)

**Roden, Carl C.,** 2-269 General Motors Bldg., Detroit, Mich. (Jan. '38)

**Rodriguez P., Jesus A.,** Designing Engr., Ministerio de Obras Publicas, Avilanes a Mirador No. 59, Caracas, Venezuela (Jan. '42)

**Rodriguez-Vicentini, Cesar,** San. Engr., Ave. sur 81, Caracas, Venezuela (Jan. '39)

**Roe, Frank C.,** San. Engr., The Carborundum Co., Niagara Falls, N.Y. (Jan. '35)

**Roff, Amos H.,** Comr. of Public Works, 11 Lincoln St., Santa Cruz, Calif. (Oct. '39)

**Rogers, A. H.,** *see* Garden City, Inc. Village of

**Rogers, Edward J.,** Pres. & Gen. Mgr., Layne-Northwest Co., 709 N. 11th St., Milwaukee, Wis. (Jan. '42)

**Rogers, L. R.,** *see* Steel Protection & Chemical Co., Inc.

**Rogers, Lee,** Pres., Layne-Western Co. of Minnesota, 3140-48 Snelling Ave., Minneapolis, Minn. (Jan. '39)

**Rogers, M. W.,** Engr., Public Utility Com., Box 387, Carleton Place, Ont., Can. (Mar. '27)

**Rogers, Milford E.,** *see* Wichita, City of

**Rogers, T. M.,** Easley, S.C. (July '35)

**Rohan, George J.,** Supt., Water Works, Municipal Bldg., Waco, Tex. (Jan. '35) *Director '40-'42.*

**Rohde, G. M., Jr.,** Mgr., Research Dept., Ruud Mfg. Co., 2934 Smallman St., Pittsburgh, Pa. (Oct. '41)

**Rohm, Noah,** Service Engr., The Barrett Div., 3746 E. 58th St., Maywood, Calif. (Jan. '40)

**Roig, J. M. Valdes,** Ave. de Belgica No. 258, Havana, Cuba (Apr. '39)

**Rome Bureau of Water,** C. E. Rosenburgh, 110 W. Liberty St., Rome, N.Y. (Corp. M. Apr. '22)

**Rome, Robert,** Asst. City Engr., 5891 Alma Rd., Vancouver, B.C., Can. (Dec. '30)

**Romer, J. B.,** *see* Babcock & Wilcox Co.

**Romig, F. V.,** Mgr., Beall Pipe & Tank Corp., 1945 N. Columbia Blvd., Portland, Ore. (Jan. '35)

**Roob, F. H.,** Supt., Water & Light Dept., Columbus, Wis. (Jan. '41)

**Roos, Charles M.,** Mgr., East St. Louis & Interurban Water Co., East St. Louis, Ill. (May '13) *Fuller Award '38.*

**Roper, Roswell M.,** Engr. & Gen. Mgr., Board of Water Comrs., East Orange, N.J. (May '19)

**Rose, Joseph L.,** Comr. of Public Works, 2334 Cowper Ave., Evanston, Ill. (Jan. '42)

**Rosen, Milton,** Comr. of Public Works, Board of Water Comrs., City Hall, St. Paul, Minn. (Oct. '38)

**Rosenbaum, Arthur H.,** *see* Hayman, Michael, & Co., Inc.

**Rosenburgh, C. E.,** *see* Rome Bureau of Water

**Rosenthal, Helman,** Director, Dallas Labs., 2411 S. Harwood St., Dallas, Tex. (June '18)

**Ross Valve Mfg. Co., Inc.,** William F. End, Treas., Oakwood Ave., Troy, N.Y. (Assoc. M. Apr. '91)

**Ross, W. H.,** Dist. Supt., Southern California Water Co., 214 E. Colden Ave., Los Angeles, Calif. (Jan. '40)

**Rossum, John R.,** Jr. Engr. of Water Sanitation, Water Dept., 3436 Felton St., San Diego, Calif. (Jan. '41)

**Rothchild, H. A.,** Research Library, Kimberly-Clark Corp., Kimberly, Wis. (Jan. '39)

**Rothe, H. S.,** Bottlers' Service Dept., The Coca-Cola Co., 310 North Ave., N.W., Drawer 1734, Atlanta, Ga. (Jan. '42)

**Rothman, Edwin,** Wallace & Tiernan Co., Inc., R.F.D. No. 4, Box 259, Bridgeport, Conn. (July '35)

**Rouses Point, Village of,** Board of Trustees, Alfred Aupry, Supt., Rouses Point, N.Y. (Corp. M. July '40)

**Routledge, George Graham,** Supt., Water Distr. Sec., 332 St. Clair Ave., E., Toronto, Ont., Can. (Mar. '19)

**Roux, Maurice G.,** Vice-Pres., Bonna Pipe Co., 233 Java St., Brooklyn, N.Y. (May '33)

**Rowe, E. J.,** Supt., Water & Light Dept., Wellsville, N.Y. (June '21)

**Rowell, George M.,** Supt., City Water Dept., 1752—10th St., Reedley, Calif. (July '41)

**Rowley, Everett C.,** Asst. Engr., Long Island Water Corp., 337 Merrick Rd., Lynbrook, N.Y. (Feb. '34)

**Rowley, P. Mells,** Designer, Havens & Emerson, 944 Ash St., Louisville, Ky. (Oct. '41)

**Rowley, R. W.,** Technical Sales Repr., Cliffs Dow Chemical Co., Marquette, Mich. (July '37)

**Royer, R. Stuart,** Cons. Engr., 207 Exchange Bldg., Richmond, Va. (Oct. '37)

**Rubbo, Jacob F.,** Supt. of Filtration, City Water Works, 524 Thistle Ave., Iron Mountain, Mich. (July '38)

**Ruberoid Co., The,** Steven B. Avery, Mgr., Pressure Pipe Dept., Gloucester, N.J. (Assoc. M. Apr. '41)

**Rucker, A. J.,** Supt., City Water Dept., Gleason, Tenn. (Apr. '39)

**Ruckman, Chas. L.,** Asst. Supt., Meters & Services Div., Dept. of Water & Power, Box 3669 Terminal Annex, Los Angeles, Calif. (Dec. '32)

**Rudd, E. Irvine,** Chief Engr., Public Utilities Com., State Office Bldg., Hartford, Conn. (Jan. '38)

**Rudd, W. C.,** Engr. of Design—Pumping Stations, Bureau of Water, Chestnut Street Pier, Philadelphia, Pa. (June '23)

**Rudisill, Ralph W.,** Supt., Water Plant, 313 W. Marion St., Monticello, Ill. (Affil. Jan. '41)

**Rudolfs, Willem,** New Jersey Agricultural Expt. Station, The Towers Bldg., New Brunswick, N.J. (Oct. '35)

**Rudser, Marguerite S. (Mrs.),** 3007 Angus St., Los Angeles, Calif. (Oct. '35)

**Ruehl, Edward H.,** 902 Travelers Bldg., Richmond, Va. (July '35)

**Ruff, Harold T.,** Development Chem. Engr., Mead Corp., Chillicothe, Ohio (Jan. '39)

**Rumberger, C. A.,** Supt., Citizens Water Service Co., 207 Spruce St., Philipsburg, Pa. (Sept. '31)

**Runels, Ralph E.,** Supt., Lowell Water Works, City Hall, Lowell, Mass. (Jan. '36)

**Runyon, Frederick O.,** Cons. Engr., Runyon & Carey, 33 Fulton St., Newark, N.J. (Apr. '36)

**Rupp, Daniel H.,** Water Dept., City Hall, Topeka, Kan. (Oct. '22)

**Rush, Karl K.,** Chemist, Dairymen's League Co-op. Assn., Inc., 810 Burnett Ave., Syracuse, N.Y. (Jan. '41)

**Russell, Alexander,** 204 Triangle Bldg., Rochester, N.Y. (Sept. '27)

**Russell, D. A.,** Chief Chemist, Youngstown Sheet & Tube Co., Youngstown, Ohio (May '24)

**Russell, David M.,** Jr. Sales Repr., Lynchburg Foundry Co., 4313 Fort Ave., Lynchburg, Va. (Jan. '41)

**Russell, J. Bernard,** Mgr. & Engr., City Water Works, 103 E. Montgomery St., Creston, Iowa (Jan. '42)

**Russell, J. P.,** Mng. Editor, The Canadian Engineer Publications, 34 Church St., Toronto 2, Ont., Can (Jan. '34)

**Russell, Kenneth E.,** *see* Dalton Fire Dist.

**Russell, M. J.,** Draftsman, Bureau of Water Works & Supply, Box 3669 Terminal Annex, Los Angeles, Calif. (Apr. '36)

**Russell, Norman F. S.,** Pres., U.S. Pipe & Foundry Co., Drawer 300, Burlington, N.J. (Dec. '15)

**Russell, Ralph S.,** *see* Hydraulic Supply Mfg. Co.

**Russell, William J.,** Supt., Water Dept., Benton Harbor, Mich. (Jan. '38)

**Russo, Louis,** Asst. Supt., Water & Sewer Dept., Town of Greenburgh, 107 Russell St., White Plains, N.Y. (Jan. '41)

**Rusta Restor Corp.,** A. B. MacTaggart, 1450 W. State St., Fremont, Ohio (Assoc. M. July '40)

**Ruston, G. H.,** Supt. of Water, Kenilworth Water Dept., Kenilworth, Ill. (Apr. '40)

**Rutledge, E. A.,** Vice-Pres., Rensselaer Valve Co., Troy, N.Y. (Oct. '29)

**Ryle, John,** Supt., Passaic Dist., Passaic Valley Water Com., 145 Prospect St., Passaic, N.J. (Dec. '19)

**Rynders, Arthur,** Mech. Engr., City Engr.'s Office, City Hall, Milwaukee, Wis. (July '37)

**Sacramento Div. of Water,** R. E. Mittelstaedt, Supt., Sacramento, Calif. (Corp. M. Apr. '32)

**Sage, Howard D.,** Comr. of Public Works, 192 S. Main St., Mechanicville, N.Y. (Apr. '39)

**Sahnd, William,** Water Works Supervisor, Water Works Dept., 140-42 City Hall, Cincinnati, Ohio (Oct. '38)

**Saindon, Homer C.,** Radnor Water Dist., 2229 Nolensville Rd., Nashville, Tenn. (July '35)

**Saindon, P. C.,** Asst. Supt., 1st Suburban Water Utility Dist. of Davidson County, 2229 Nolensville Rd., Nashville, Tenn. (July '41)

**Saine, L. P.,** Repr., The Central Foundry Co., 4511 French Ave., Jacksonville, Fla. (July '38)

**St. Jacques, Gustave,** *see* Quebec Public Service Board

**St. John, L. D.,** Chief Engr., Water Plant, Water Dept., 1st & Main Sts., Jacksonville, Fla. (Apr. '30)

**St. Marys Public Utilities Com.,** Wm. McKee, St. Marys, Ont., Can. (Corp. M. Nov. '19)

**St. Paul Board of Water Comrs.,** Wm. A. Parranto, Comr. of Public Utilities, St. Paul, Minn. (Corp. M. Apr. '29)

**St. Thomas Public Utilities Com.,** J. W. Peart, Gen. Mgr., 474 Talbot St., St. Thomas, Ont., Can. (Corp. M. Apr. '09)

**Salem Water Com.,** C. E. Guenther, Mgr., Box 190, Salem, Ore. (Corp. M. Jan. '40)

**Salem Water Dept.,** William F. Ayars, Supt., Municipal Bldg., Salem, N.J. (Corp. M. Apr. '39)

**Salina Water Dept.,** H. L. Brown, Supt., Salina, Kan. (Corp. M. Feb. '27)

**Salomon, Herman,** *see* Salomon, L. A., & Bro.

**Salomon, L. A., & Bro.,** Herman Salomon, 216 Pearl St., New York, N.Y. (Assoc. M. Oct. '34)

**Salt Lake City Corp. Water Dept.,** H. K. Burton, Supt., Salt Lake City, Utah (Corp. M. Feb. '20)

**Salter, Fitzgerald,** Supt., City Water Works, Montgomery, Ala. (July '38)

**Samuel, T. D., Jr.,** 442 W. 68th St., Kansas City, Mo. (Oct. '28)

**San Antonio City Water Board,** W. D. Masterson, Mgr., San Antonio, Tex. (Corp. M. Oct. '38)

**San Bernardino Board of Water Comrs.,** Bard Livingstone, Supt., 416 Third St., San Bernardino, Calif. (Corp. M. Nov. '33)

**San Diego Water Dept.,** Fred D. Pyle, Hydr. Engr., 268 Civic Center, San Diego, Calif. (Corp. M. Jan. '25)

**San Fernando Water Dept.,** Harry E. Waite, Supt., City Hall, San Fernando, Calif. (Corp. M. Jan. '36)

**San Francisco Water Dept.,** Nelson A. Eckart, Gen. Mgr. & Chief Engr., 425 Mason St., San Francisco, Calif. (Corp. M. Nov. '33)

**San Francisco,** *see also* Suburban Water Co.

**San Jose Water Works,** Ralph Elsman, Pres., 374 W. Santa Clara St., San Jose, Calif. (Corp. M. Apr. '13)

**Sanborn, James F.,** Cons. Engr., 30 Church St., New York, N.Y. (Aug. '21)

**Sanchis, Joseph M.,** Div. of San. Eng., Dept. of Water & Power, 207 S. Broadway, Los Angeles, Calif. (Oct. '34)

**Sandbach, Harold,** Supt., Water Dept., Gary Heat, Light & Water Co., 5th & Broadway, Gary, Ind. (July '35)

**Sanderson, A. U.,** Chief Engr. of Water Supply, Dept. of Works, City Hall, Toronto, Ont., Can. (June '20) *Director '32–'34.*

**Sandquist, Emil,** 1159 W. Gold St., Butte, Mont. (Jan. '27) *Director '34–'36.*

**Sangdahl, Geo. S.,** Mgr., Cleveland Office, Chicago Bridge & Iron Co., 45 Prospect Ave., W., Cleveland, Ohio (Apr. '36)

**Santa Ana Valley Irrigation Co.,** L. E. Blakeley, Chief Engr., 154 N. Glassell St., Orange, Calif. (Corp. M. Apr. '38)

**Santa Ana Water Dept.,** Joseph P. Smith, Water Comr., City Hall, Santa Ana, Calif. (Corp. M. Oct. '37)

**Santa Barbara, City of,** Delbert D. Smith, Supt., Water Dept., City Hall, Santa Barbara, Calif. (Corp. M. Oct. '37)

**Santa Monica, City of,** W. W. Milliken, Comr. of Public Works, City Hall, Santa Monica, Calif. (Corp. M. June '26)

**Santana, Rogelio A.,** Civ. Engr. & Chemist, J. Bruno Zayas 114, Vibora, Havana, Cuba (Jan. '39)

**Sargent, George Henry,** City Engr., La Grange, Ga. (Dec. '29)

**Sauereisen, C. Fred,** Pres., Sauereisen Cements Co., Sharpsburg Station, Pittsburgh, Pa. (Oct. '40)

**Saunders, Daniel J.,** Mgr. of Ind. Sales, The Permutit Co., 330 W. 42nd St., New York, N.Y. (Apr. '37)

**Saunders, William K.,** Co-Partner, Couse & Saunders, 12740 Lyndon Ave., Detroit, Mich. (May '30)

**Saville, Caleb Mills,** Mgr. & Chief Engr., Water Works, 53 N. Beacon St., Hartford, Conn. (Mar. '16)

**Saville, Thorndike,** Prof. of Hydr. & San. Eng., New York Univ., Box 65, University Heights, New York, N.Y. (Aug. '20)

**Sawyer, Clair N.,** Asst. Prof. of San. Chem., New York Univ., University Heights, New York, N.Y. (Jan. '41)

**Sawyer, Robert W.,** Asst. Engr. with Malcolm Pirnie, 25 W. 43rd St., New York, N.Y. (Oct. '32)

**Sayre Water Co.,** George M. West, Sayre, Pa. (Corp. M. Jan. '42)

**Scarborough Public Utilities Com.,** Ronald Harrison, Mgr. & Secy.-Treas., 1666 Kingston Rd., Toronto 13, Ont., Can. (Corp. M. Jan. '35)

**Scarritt, Elwood W.,** Chem. Director, Elgin Softener Corp., 120-170 N. Grove Ave., Elgin, Ill. (Dec. '28)

**Schaefer, F. A.,** Gas & Water Supt., 1247 Beechwood Ave., New Albany, Ind. (July '35)

**Schaefer, Walter A.,** San. Engr., Box 201, Williamsburg, Va. (Jan. '37)

**Schaeffer, Joseph G.,** San. Engr., Dept. of Public Health, Parliament Bldgs., Regina, Sask., Can. (Jan. '37)

**Schaeffer, W. L.,** *see* National Tube Co.

**Schamberger, Karl H.,** Asst. Civ. Engr., Bureau of Water Supply, 1314 Lakeside Ave., Baltimore, Md. (Jan. '42)

**Schanze, C. E.,** Mgr., Joplin Water Works Co., Joplin, Mo. (Oct. '38)

**Scharff, Maurice R.,** Cons. Engr., 285 Madison Ave., New York, N.Y. (Jan. '26) ★

**Schaut, George G.,** Chief Chemist, Bureau of Water, Belmont Ave. & Ford Rd., Philadelphia, Pa. (Oct. '22)

**Scheinert, Albert G.,** Sales Mgr., Pittsburgh Branch, Rensselaer Valve Co., 2203 Oliver Bldg., Pittsburgh, Pa. (Oct. '39)

**Schenectady, City of,** John H. Burwell, Engr., Div. of Water, 102 City Hall, Schenectady, N.Y. (Corp. M. July '37)

**Schettler, Haydn A.,** Dist. Engr., Power Products & Ind. Dept., Johns-Manville Sales Corp., 116 New Montgomery St., San Francisco, Calif. (Oct. '41)

**Schiverea, W. J.,** Borough Engr., Municipal Bldg., Freehold, N.J. (Oct. '35)

**Schlicht, John C.,** Supt. of Constr. & Services, Hackensack Water Co., 4100 Park Ave., Weehawken, N.J. (June '26)

**Schlie, Everett H.,** Asst., Chemist, Chesapeake & Ohio Ry. Co., 578½ W. Main St., Peru, Ind. (Apr. '42)

**Schlott, Ralph,** Supervisor of Distr., Canton Water Works, 1400—25th St., N.W., Canton, Ohio (July '39)

**Schmid, Theophilus, Jr.,** Asst. San. Engr., Water Purif. Div., 10404 Sangamon St., Chicago, Ill. (Apr. '26)

**Schmidt, Arthur L.,** Chief Engr., Div. of Water, 1584 Norman Ave., Youngstown, Ohio (Apr. '40)

**Schmidt, Howard D.,** San. Engr., State Dept. of Health, Nashville, Tenn. (Apr. '36) *Fuller Award '40. Director '42-'44.*

**Schmit, Jos. M.,** City Engr. & Water Works Supt., Box 931, Lewistown, Mont. (Apr. '26) *Director '37-'39.*

**Schmitt, Edwin A.,** Prin. Engr., U.S. Engr. Office, 1st & Douglas Sts., N.W., Washington, D.C. (Jan. '39)

**Schmitt, Herbert C.,** Water Dept., 3255 N. 49th St., Milwaukee, Wis. (July '38)

**Schmoeller, C. C.,** *see* Mississippi Lime Co.

**Schnabel, Wm. R.,** *see* Allentown Bureau of Water

**Schneider, Alfred,** Box 495, Elkader, Iowa (July '35)

**Schneider, H. J.,** Supt. of Filtration, 1746 Doty St., Oshkosh, Wis. (June '31)

**Schneider, William H.,** Chemist-in-Charge, Filtration Plant, Fremont, Ohio (Oct. '30)

**Schneider, William J.,** Operating Engr., Illinois Munic. Water Co., 802 W. Walnut St., Robinson, Ill. (Oct. '41)

**Schoch, E. P.,** Prof. of Chemistry, Univ. of Texas, Austin, Tex. (Jan. '35)

**Schoeninger, Carl J.,** Assoc. Elec. Engr., Dept. of Water Supply, 808 Water Board Bldg., Detroit, Mich. (Oct. '39)

**Schoepfle, O. F.,** Chemist, Filtration Plant, 908 Vine St., Sandusky, Ohio (May '30)

**Scholz, Henry R.,** Asst. Water Registrar, Water Dept., 255 Main St., White Plains, N.Y. (Affil. Jan. '41)

**Schoolcraft, Dan,** Water Works Engr., Muscatatuck Colony, Butlerville, Ind. (Affil. Apr. '38)

**Schoonmaker, George N.,** City Mgr., Water Dept., Toledo, Ohio (Aug. '21)

**Schouten, Ernest W.,** Dist. Mgr., Wallace & Tiernan Co., Inc., 828 Braniff Bldg., Oklahoma City, Okla. (Jan. '39)

**Schrader, Elmer C.,** Supt., City Water Dept., Denton, Mont. (Apr. '41)

**Schramm, R. H.,** Dist. Sales Repr., James B. Clow & Sons, 2452 Superior Viaduct, Cleveland, Ohio (July '40)

**Schroeder, Clarence F.,** *see* Lake, Town of, Water Utility Board

**Schuck, H. W.,** Supt. of Water Dept., 804 Bayswater Ave., Burlingame, Calif. (June '27)

**Schudel, Gustav W.,** Asst. Civ. Engr., Bureau of Water Supply, 719 Lyndhurst St., Baltimore, Md. (Jan. '42)

**Schumpert, Homer W.,** Supt., Water, Light & Sewer Depts., Box 333, Newberry, S.C. (Aug. '25)

**Schunke, G. B.,** Asst. Supt., 323 County-City Bldg., Seattle, Wash. (Jan. '29)

**Schwab, J. W.,** *see* Texas Gulf Sulphur Co., Inc.

**Schwabe, Walter P.,** Connecticut Light & Power Co., Thompsonville, Conn. (Nov. '14)

**Schwada, J. P.,** City Engr., Milwaukee, Wis. (May '24)

**Schwartz, Jacob,** Attorney at Law, 24 Commerce St., Newark, N.J. (Jan. '36)

**Schwartz, M. C.,** Research Assoc. in Water Technology, Engineering Expt. Station, Louisiana State Univ., University, La. (Apr. '38)

**Schwartz, M. H.,** Supt. & Gen. Mgr., Vincennes Water Dept., Box 28, Vincennes, Ind. (June '29)

**Schwartz, Wm. H.,** Supt., City Water Dept., Sierra Madre, Calif. (Oct. '40)

**Schwarz, Eugene,** Supt., City Water Dept., Rochester, Minn. (June '27)

**Schwarzler, C.,** *see* Foxboro Co.

**Schweitzer, R. R.,** *see* Layne-Atlantic Co.

**Schwier, Elmer C.,** Controller, Indianapolis Water Co., 113 Monument Circle, Indianapolis, Ind. (Dec. '24)

**Schwier, Harry, Mgr.,** Batesville Water Works, Batesville, Ind. (July '35)

**Scorso, William T.,** Supt., Florham Park Water Dept., Hanover Rd., Florham Park, N.J. (July '39)

**Scott, Guy R.,** Sr. San. Engr., Tennessee Valley Authority, Wilson Dam, Ala. (Oct. '37)

**Scott, L. H.,** Filtration Engr., Water Dept., 3415 W. 22nd St., Oklahoma City, Okla. (Jan. '36) *Fuller Award '40.* ★

**Scott, Oswald H.,** *see* Belleville Public Utilities Com.

**Scott, R. D.,** Acting Chief, Lab. Div., State Dept. of Health, 1650 Essex Rd., Columbus, Ohio (Oct. '38)

**Scott, Rossiter S.,** Dist. Mgr., Dresser Mfg. Co., 17 E. 42nd St., New York, N.Y. (Mar. '22)

**Scott, Walter M.,** San. Engr., 145 S. 3rd Ave., Mount Vernon, N.Y. (Apr. '38)

**Scott, Walter Moffat,** Chairman of Comrs., Greater Winnipeg Water Dist., 185 King St., Winnipeg, Man., Can. (Mar. '14) *Fuller Award '41.*

**Scott, Warren J.,** Director, Bureau of San. Eng., State Dept. of Health, Hartford, Conn. (Oct. '22) *Director '42–'44.*

**Scoular, Spencer Gray,** City Engr., Dunedin City Corp. of New Zealand, Town Hall, Dunedin, C.I., New Zealand (Jan. '39)

**Scoville, C. M.,** Secy., Corona City Water Co., 707 Main St., Corona, Calif. (Jan. '35)

**Scranton-Spring Brook Water Service Co.,** Newton B. Lyle, 135 Jefferson Ave., Scranton, Pa. (Corp. M. June '12)

**Seabury, George T.,** Secy., American Soc. of Civ. Engrs., 33 W. 39th St., New York, N.Y. (June '30)

**Seaforth Public Utilities Com.,** Water Works Dept., Seaforth, Ont., Can. (Corp. M. Jan. '39)

**Seaman, Henry,** The Champion Paper & Fibre Co., Canton, N.C. (July '35)

**Seaman, Roy E.,** *see* Greeley, City of

**Seattle Water Dept.,** W. C. Morse, Supt., 323 County-City Bldg., Seattle, Wash. (Corp. M. July '28)

**Seay, J. I.,** Pres., Layne-Central Co., Memphis, Tenn. (July '38)

**Sedgwick, R. M.,** Acct., East Bay Munic. Utility Dist., 512—16th St., Oakland, Calif. (Apr. '41)

**Seeger, M. Deane,** Water Comr., Water Dept., City Hall, Bellingham, Wash. (Affil. Jan. '41)

**Seeholzer, Bert, Jr.,** 715 Hillsdale Ave., Hillsdale, N.J. (July '35)

**Seelye, Theodore E.,** *see* Day & Zimmermann, Inc.

**Seemann, Carl W.,** Gen. Foreman, Water Service Dept., 3111 Newton Ave., N., Minneapolis, Minn. (Jan. '39)

**Seery, Francis J.,** Prof. of Hydr. Eng., Cornell Univ., 504 University Ave., Ithaca, N.Y. (Nov. '19)

**Segerstrom, Eric J.,** Riverbank Water Co., Sonora, Calif. (July '37)

**Seibert, U. J.,** Chemist, Filter Plant, 218—22nd Ave., N., St. Cloud, Minn. (Oct. '31)

**Seifert, William P.,** Cons. Engr., Buck, Seifert & Jost, 112 E. 19th St., New York, N.Y. (Jan. '36)

**Self, Joseph B., Sr.,** Chief Engr., Muncie Water Works, 1800 Burlington Drive, Muncie, Ind. (Jan. '38)

**Sellers, J. B.,** Chemist & Bacteriologist, Kensington & Tri-Cities Water Cos., 804 Maryland Ave., Pittsburgh, Pa. (July '41)

**Semmes, Oliver J., Jr.,** 701 W. Moreno St., Pensacola, Fla. (Apr. '37)

**Seneca Falls Water Dept.,** S. W. Pratt, Supt., 136 Fall St., Seneca Falls, N.Y. (Corp. M. Apr. '37)

**Senges, Donald C.,** Engr., The Permutit Co., 5706 Roeland Parkway, Mission, Kan. (Jan. '39)

**Senior, Samuel Palmer,** Pres. & Engr., Bridgeport Hydraulic Co., Bridgeport, Conn. (July '06)

**Sensabaugh, Reeve Lee,** Supt. of Water Supply, City Hall, Muskegon, Mich. (Jan. '39)

**Servis, J. D.,** Bottlers' Service Dept., The Coca-Cola Co., 310 North Ave., N.W., Drawer 1734, Atlanta Ga. (Jan. '42)

**Sette, Francis J.,** 4701 Connecticut Ave., N.W., Washington, D.C. (July '34)

**Setzer, Aubrey James,** Supt., Water & Sewer Plants, City Hall, High Point, N.C. (Oct. '40)

**Setzler, G. V.,** Supt. of Water & Sewers, Box 213, Saluda, S.C. (Affil. Jan. '38)

**Seufer, Paul E.,** 4309 Second Rd., N., Arlington, Va. (Apr. '37) ★

**Sewickley Comrs. of Water Works,** J. S. Besterman, Supt., Municipal Bldg., Sewickley, Pa. (Corp. M. July '35)

**Seymour, Edward W.,** *see* Non-Corrosive Products Co.

**Shaler, Richard G.,** *see* Griffin Chemical Co.

**Shaneman, Fred C.,** Vice-Pres., Pennsylvania Salt Mfg. Co. of Washington, Box 1215, Tacoma, Wash. (Jan. '28)

**Shank, John J.,** Chemist & Bacteriologist, Wayne Labs., 17 E. Main St., Waynesboro, Pa. (May '30)

**Shank, S. J.,** Supt., Water Dept., Escanaba, Mich. (July '38)

**Shannon, Albert M.,** Sr. San. Chemist, Detroit Dept. of Water Supply, 8300 W. Warren Ave., Dearborn, Mich. (Apr. '41)

**Shapiro, Robert,** San. Chemist, 159-07—14th Ave., Beechhurst, N.Y. (July '35)

**Shaver, Arthur,** Asst. Gen. Supt., Standard Brands, Inc., Charles Point, Peekskill, N.Y. (Jan. '41)

**Shaw, Arthur L.,** Cons. Engr., Metcalf & Eddy, 1300 Statler Bldg., Boston, Mass. (May '31)

**Shaw, Frank R.,** Sr. San. Engr., 6221 Western Ave., Washington, D.C. (June '28)

**Shaw, Harry B.,** Deputy Chief Engr., Washington Suburban Sanitary Dist., Hyattsville, Md. (Apr. '23)

**Shaw, Percy A.,** Engr. & Supt. of Water Works, Old Courthouse, Manchester, N.H. (June '34)

**Shaw, Walter A.,** Cons. Engr., 30 N. La Salle St., Chicago, Ill. (July '06)

**Shawver, G. B.,** Supt. & Gen. Mgr., Georgia & Tennessee Water Plants, 10 W. Third St., Chattanooga, Tenn. (Apr. '30)

**Shea, John J.,** Supt. of Public Works, Frankfort, N.Y. (Apr. '38)

**Shea, Walter J.,** San. Engr., State Dept. of Health, 335 State Office Bldg., Providence, R.I. (July '41)

**Sheboygan Board of Water Comrs.,** J. Allan Hammes, Office Mgr., Sheboygan, Wis. (Corp. M. June '20)

**Shed, Joseph L.,** 505 Gerard St., East Aurora, N.Y. (Apr. '37)

**Sheen, Robert T.,** Technical Director, 7711 Orchard Way, Chestnut Hill, Pa. (Jan. '38)

**Sheldon, Edward E.,** Pres., Utilities Engineering Co., 22 Lodge St., Albany, N.Y. (July '41)

**Sheldon, Horace A.,** Comr., Port Jervis, N.Y. (Apr. '31)

**Shenango Valley Water Co.,** A. R. Girdwood, Box 542, Sharon, Pa. (Corp. M. Apr. '22)

**Shenker, Samuel,** 155 Broadleigh Rd., Columbus, Ohio (July '35)

**Shepard, George,** City Engr., St. Paul, Minn. (Apr. '33)

**Sherbondy, F. G.,** Vice-Pres., The Biggs Boiler Works Co., 1007 Bank St., Akron, Ohio (Jan. '39)

**Sheridan, T. F.,** *see* Dixie Lime Products Co.

**Sherman, Arthur L.,** Westchester Apts., Washington, D.C. (Feb. '24)

**Sherman, E. W.,** *see* Sherman Machine & Iron Works

**Sherman, Elmer,** Public Utilities Com., Kingsville, Ont., Can. (July '41)

**Sherman Machine & Iron Works,** E. W. Sherman, Vice-Pres., 2-26 E. Main St., Oklahoma City, Okla. (Assoc. M. Jan. '40)

**Sherrill-Kenwood Water Com.,** J. Wayland Smith, Chairman, Kenwood, Oneida, N.Y. (Corp. M. Apr. '21)

**Sherwood, Herbert P.,** Sales Engr., The Permutit Co., 407 S. Dearborn St., Chicago, Ill. (Apr. '38)

**Shildmyer, Frank W.,** Chief Clerk, Bureau of Water Works & Supply, Box 3669 Terminal Annex, Los Angeles, Calif. (Jan. '41)

**Shinn, Alonza,** Supt., Water Dept., Burlington, N.J. (Jan. '41)

**Shipley, Fred G.,** Sr. Engr., Water Dept., Burbank, Calif. (Oct. '39)

**Shnidman, Louis,** Lab. Director, Rochester Gas & Elec. Corp., 89 East Ave., Rochester, N.Y. (Mar. '29)

**Shoemaker, Milton J.,** Chem. Engr., Research Products Corp., 1015 E. Washington Ave., Madison, Wis. (May '33)

**Shoemaker, William C.,** Mgr., Richmond Water Works Corp., Richmond, Ind. (Apr. '30)

**Shonerd, R. E.,** Chief Mech. Engr., 1006 Hall of Records, Los Angeles, Calif. (June '28)

**Shore, John, Jr.,** Mech. Supt., Beacon Mfg. Co., Box 22, Swannanoa, N.C. (Oct. '39)

**Showell, E. B.,** Ind. Eng. Div., E. I. du Pont de Nemours & Co., du Pont Bldg., Wilmington, Del. (Nov. '25)

**Shreve, G. F.,** *see* Oshawa Public Utilities Com.

**Shuff, Evans L.,** Engr. & Sales Agent, 412 Title Bldg., Atlanta, Ga. (Apr. '38)

**Shuldener, Henry L.,** 423 W. 126th St., New York, N.Y. (May '30)

**Shull, Albert B.,** Water Treatment Plant Operator, Los Angeles Dept. of Water & Power, 2488 Coolidge Ave., West Los Angeles, Calif. (Apr. '33)

**Shull, Kenneth Edgar,** Chemist, Philadelphia Suburban Water Co., 762 Lancaster Ave., Bryn Mawr, Pa. (Jan. '38)

**Shultz, H. M.,** Supt., City Water Works, City Bldg., Huntington, Ind. (Jan. '40)

**Siebert, M. J.,** Sales Repr., Neptune Meter Co., 3319 Suffolk Rd., Richmond, Va. (July '41)

**Siegmund, Rudolph A.,** 558 Adam St., Tonawanda, N.Y. (Apr. '39)

**Sieker, Fred W.,** Supt., Water Dept., 501 E. Rutledge, Yates Center, Kan. (Oct. '39)

**Sierra Pacific Power Co.,** W. A. Totman, Water Dept. Supt., Reno, Nev. (Corp. M. Feb. '13)

**Signor, C. V.,** Water Supt., Grants Pass, Ore. (Apr. '36)

**Sigworth, E. A.,** Chemist & Technician, Industrial Chemical Sales Div., 230 Park Ave., New York, N.Y. (Jan. '37)

**Silcox, H. E.,** Asst. Engr., Water Supply, Chesapeake & Ohio Ry. Co., 702—1st & Merchants National Bank Bldg., Richmond, Va. (Jan. '42)

**Sill, George H.,** *see* Bird-Archer Co.

**Silver City Water Dept.,** C. E. Ward, Supt., Silver City, N.M. (Corp. M. Oct. '41)

**Silver Creek Water Works,** J. K. Brotz, Asst. Foreman, Silver Creek, N.Y. (Corp. M. Apr. '37)

**Silver, Ralph R.,** Business Mgr. of Journal, Southeastern Sec. A.W.W.A., 310 Protective Life Bldg., Birmingham, Ala. (July '35)

**Simantel, Alvin,** 4374 Woodland Ave., Western Springs, Ill. (July '35)

**Simard, Joseph W.,** Cons. Engr., International Water Supply, Ltd., Mount Royal Hotel, Montreal, Que., Can. (Jan. '41)

**Simcoe, N. W.,** Repr., Pittsburgh Equitable Meter Co., 1908 N. 44th Ave., Minneapolis, Minn. (Jan. '41)

**Simcoe Public Utilities Com.,** G. E. Maxwell, Supt., Water Works Dept., Simcoe, Ont., Can. (Corp. M. Apr. '29)

**Simmermacher, S. C.,** Chief of Power Plants, Div. of Water & Heat, 616 Auditorium Bldg., Cleveland, Ohio (Jan. '42)

**Simmonds, M. A.,** Resident Analyst, Brisbane City Council, Mt. Crosby, via Ipswich, Queensland, Australia (July '37)

**Simmons, Frank,** Supt., Water Works, Russellville, Ky. (Apr. '38)

**Simmons, Paul D.,** Chemist, Weirton Improvement Co., Weirton, W.Va. (Oct. '38)

**Simms, R. B.,** Supt., Water Works, Spartanburg, S.C. (May '22)

**Simon, Jose P.,** Pres., Baracoa Water Works, Falgueras 201, Cerro, Havana, Cuba (Oct. '41)

**Simons, Thomas,** *see* U.S. Pipe & Foundry Co.

**Simplex Valve & Meter Co.,** Everett M. Jones, Sales Mgr., 6759 Upland St., Philadelphia, Pa. (Assoc. M. May '14)

**Sinclair, Harold,** Turbine Equipment Co., 75 West St., New York, N.Y. (Apr. '30)

**Sioux Falls Water Works,** Jos. S. Nelson, Comr., Sioux Falls, S.D. (Corp. M. May '27)

**Skinker, Thomas J.,** 312 City Hall, St. Louis, Mo. (July '24) *Director '31–'32.*

**Skinner, Hervey J.,** Pres., Skinner & Sherman, Inc., 246 Stuart St., Boston, Mass. (Apr. '26)

**Skinner, John F.,** 1610 Idlewood Rd., Glendale, Calif. (May '27)

**Skinner, M. B., Co.,** F. R. McMurray, Vice-Pres.—Sales, South Bend, Ind. (Assoc. M. Jan. '41)

**Slater, E. O.,** Smith-Emery Co., 920 Santee St., Los Angeles, Calif. (Apr. '22)

**Slater, L. N.,** Vice-Pres., Western Pipe & Steel Co., 5717 Santa Fe Ave., Los Angeles, Calif. (Sept. '31)

**Slee, R. W.,** Gen. Mgr., Wiley-Slee Assoc., 228 N. La Salle St., Chicago, Ill. (Jan. '38)

**Sleeper, Benjamin A.,** Civ. Engr. & Surveyor, 501 Cooper St., Camden, N.J. (Dec. '30)

**Sloan, Garrett,** Regional San. Engr., State Dept. of Health, New Courthouse, Alexandria, La. (Apr. '42)

**Small, Leon,** Water Engr., Bureau of Water Supply, 500 Municipal Bldg., Baltimore, Md. (Jan. '36)

**Small, Sidney S.,** Western Dist. Mgr., Worthington-Gamon Meter Co., 5075 Santa Fe Ave., Los Angeles, Calif. (July '35)

**Smalley, Russell C.,** Supt., Highland Park Water Dept., 411 Raritan Ave., Highland Park, N.J. (Jan. '39)

**Smedberg, C. W.,** 315 Woodbine St., Greensboro, N.C. (Dec. '22) *Director '32–'34.*

**Smith, A. C.,** Supt. & Operator, Matewan Water Works, Box 164, Matewan, W.Va. (Affil. Jan. '39)

**Smith, A. P., Mfg. Co.,** Denis F. O'Brien, East Orange, N.J. (Assoc. M. June '97) *Director '31–'39.*

**Smith, Benjamin L.,** 11 N. Pearl St., Albany, N.Y. (June '30)

**Smith, Bijah G.,** City Engr. & Water Supt., Camas, Wash. (Apr. '36)

**Smith, Chester A.,** Cons. Engr., Burns & McDonnell Engineering Co., 107 W. Linwood Blvd., Kansas City, Mo. (Sept. '24)

**Smith, D. T.,** Supt., Water Dept., Washington, N.C. (Jan. '41)

**Smith, Delbert D.,** Supt., Water Works Dept., City Hall, Santa Barbara, Calif. (Apr. '30)

**Smith, E. E.,** Supt., Water Works, 119 W. High St., Lima, Ohio (July '35)

**Smith, E. Vernon,** Supt. of Public Works, Park Ridge, N.J. (Dec. '30)

**Smith, Earl A.,** Salesman, Badger Meter Mfg. Co., Box 251, Ludington, Mich. (July '39)

**Smith, Edwin F.,** City Engr., 712 Normal Ave., Normal, Ill. (Apr. '41)

**Smith, Egmont S.,** Neptune Meter Co., 2014 Commerce St., Dallas, Tex. (Oct. '34) *Director '35–'36.*

**Smith, Elmer,** Supt. of Water Works, Munic. Water & Light Dept., Owensboro, Ky. (Apr. '39)

**Smith, F. G.,** *see* American Brass Co.

**Smith, George F.,** *see* Barrie Water, Light & Gas Com.

**Smith, Gilbert M.,** Sales Engr., Johns-Manville Sales Corp., 402 Fulton St., Rochester, Ind. (Oct. '41)

**Smith, Gordon B.,** *see* Well Machinery & Supply Co.

**Smith, Hal F.,** Sr. Admin. Asst., Dept. of Water Supply, 501 Water Board Bldg., Detroit, Mich. (June '29) *Diven Medal '39. Fuller Award '39.*

**Smith, Herman H.,** Dept. of Water Works, Lagrange, Ind. (Jan. '38)

**Smith, Ivan M. K.,** Supt. of Plant, Borough of Chatham, 11 Western Ave., Chatham, N.J. (Jan. '39)

**Smith, J. F.,** Sales Mgr., Great Western Div., 310 Sansome St., San Francisco, Calif. (Dec. '31)

**Smith, J. Wayland,** *see* Sherrill-Kenwood Water Com.

**Smith, James S.,** *see* Hendrie & Bolthoff Mfg. & Supply Co.

**Smith, Joseph P.,** *see* Santa Ana Water Dept.

**Smith, Leon A.,** Supt. of Water Works, City Hall, Madison, Wis. (May '16) *Director '31–'32, '35–'37. Fuller Award '39.*

**Smith, Lewis B.,** Supt. of Water Div., 10 Felix St., Rochester, N.Y. (Apr. '41)

**Smith, Louis P.,** Pres. & Gen. Mgr., The Farnan Brass Works Co., 1104 Center St., N.W., Cleveland, Ohio (July '38)

**Smith, M. C.,** Chief Engr., Dept. of Public Utilities, 109 City Hall, Richmond, Va. (May '25) *Director '38–'40. Fuller Award '40.*

**Smith, Meloy,** 16 State St., Rochester, N.Y. (Mar. '34)

**Smith, Nathanael J.,** Electrolysis Tester, Corrosion Lab., Dept. of Water & Power, 510 E. 2nd St., Los Angeles, Calif. (Oct. '34)

**Smith, Neal D.,** City Mgr., City Hall, Ontario, Calif. (July '40)

**Smith, O. M.,** Chemistry Dept., Oklahoma A. & M. College, Stillwater, Okla. (Feb. '28)

**Smith, Orval H.,** Lab. Asst., Cherry River Paper Co., 96 Front St., Richwood, W.Va. (Affil. Jan. '41)

**Smith, Orville J.,** *see* Quincy Water Works Com.

**Smith, Ozro J.,** Stationary Steam Engineman, Los Angeles Bureau of Water Works & Supply, Box 166, Burbank, Calif. (Jan. '41)

**Smith, R. Beverstock (Mrs.),** Vice-Pres. & Treas., The Farnan Brass Works Co., 1104 Center St., N.W., Cleveland, Ohio (July '38)

**Smith, R. J.,** Mgr. & Secy.-Treas., Perth Public Utilities Com., Perth, Ont., Can. (June '11)

**Smith, Robert Trumbull,** 9818 N.E. Mason St., Portland, Ore. (July '30)

**Smith, S. H.,** Power & Water Plant Engr., Burford, Hall & Smith, 140 Edgewood Ave., Atlanta, Ga. (July '35)

**Smith, S. Morgan, Co.,** Earl E. Hilker, York, Pa. (Assoc. M. Mar. '34)

**Smith, Spencer B.,** Field Engr., City Water Div., 402 City Hall, Tacoma, Wash. (Apr. '41)

**Smith, Sydney H.,** Supt., Board of Public Works, 89 Clinton St., South Haven, Mich. (July '41)

**Smith, T. E.,** 140 Edgewood Ave., Atlanta, Ga. (July '35)

**Smith, Telford L.,** *see* Smith-Blair, Inc.

**Smith, Vernon,** Mng. Director, John Thompson-Australia-Pty., Ltd., 312 Flinders St., Melbourne, Australia (Jan. '35)

**Smith, W. Austin,** Cons. Engr., Box 1048, Jacksonville, Fla. (Dec. '26)

**Smith, W. D.,** Sales Engr., Eshelman & Potter, 8 Augusta Drive, Greenville, S.C. (Apr. '41)

**Smith, W. E.,** Dist. Mgr., Wallace & Tiernan Co., Inc., 415 Brainard St., Detroit, Mich. (Jan. '38)

**Smith, W. P.,** *see* Baker Dept. of Water, Fire & Sanitation

**Smith, Waymon,** Water Works Supt., Marshall Field Co., Leaksville, N.C. (Jan. '39)

**Smith-Blair, Inc.,** Telford L. Smith, Pres., 205 Cypress Ave., South San Francisco, Calif. (Assoc. M. July '41)

**Smithson, Thomas,** Cons. San. Engr., 1934 N.E. Dekum, Portland, Ore. (Apr. '40)

**Smouse, John P., Jr.,** R. 2, St. Joseph, Mo. (June '31)

**Smyre, R. E.,** *see* Hickory, City of

**Snead, W. Ben,** Asst. Sales Mgr., Lynchburg Foundry Co., Lynchburg, Va. (Jan. '39)

**Snedeker, L. LeVern,** City Chemist, 150 S. McKenzie St., Adrian, Mich (May '30)

**Snidow, Herman W.,** Sr. Asst. Engr., State Board of Health, Richmond, Va. (June '26)

**Snook, James A., Jr.,** California Sales Mgr., Rusta Restor Corp., 8109 El Rita Drive, Los Angeles, Calif. (Oct. '41)

**Snow, Barton S.,** Pres. & Hydr. Engr., T. W. Snow Construction Co., 9 S. Clinton St., Chicago, Ill. (June '30)

**Snow, Bayard F.,** Box 3944, Santurce, P.R. (Apr. '36)

**Snow, J. A.,** Mgr., Water Dept., Ashland Water Utility, Ashland, Wis. (July '35)

**Snuggs, H. R.,** *see* Nova Scotia Board of Insurance Underwriters

**Snyder, C. Albert,** 738 N. Beatty St., Pittsburgh, Pa. (Jan. '39)

**Snyder, H. B., Jr.,** Wallace & Tiernan Co., Inc., 3800 Monument Ave., Richmond, Va. (Oct. '41)

**Snyder, M. K.,** Prof. of San. Eng., State College of Washington, Pullman, Wash. (Nov. '28)

**Socha, Max K.,** Asst. Engr., Design & Drafting Div., Dept. of Water & Power, Box 3669 Terminal Annex, Los Angeles, Calif. (Feb. '33)

**Soden, E. M.,** Supt., Public Utilities Com., Huntsville, Ont., Can. (Jan. '41)

**Soderstrom, C. W.,** *see* Illinois Inspection Bureau

**Soehren, W. L.,** Mgr., Dallas Water Com., Dallas, Ore. (Dec. '30)

**Sohler, Geo. W.,** Supt., Water Works, 140 Franklin St., Mountain View, Calif. (Oct. '41)

**Solleder, Albert L.,** Asst. Engr., Caribbean Architect-Engr., 144-24—32nd Ave., Flushing, N.Y. (July '41)

**Solomon, Gabriel R.,** Pres., Solomon, Norcross & Keis, 257 Broadway, Troy, N.Y. (Nov. '25)

**Solvay Sales Corp.,** J. V. Stauf, Director of Sales, 40 Rector St., New York, N.Y. (Assoc. M. Jan. '36)

**Somers, Verne A.,** Supt., City Water Dept., Stevens Point, Wis. (May '38)

**Sonderegger, A. L.,** Cons. Engr., 925 Central Bldg., Los Angeles, Calif. (Mar. '33)

**Sopp, Claude W.,** Asst. Chief Engr. & Gen. Mgr., Pasadena Water Dept., 319 City Hall, Pasadena, Calif. (July '35)

**Sopp, George C.,** Meter & Service Supt., Bureau of Water Works & Supply, Box 3669 Terminal Annex, Los Angeles, Calif. (Apr. '36)

**Sorelle, Donald,** Supt. of Water Works, Acushnet, Mass. (Apr. '30)

**South Jersey Assn. of Water Supts.,** Walter Spencer, Secy., 2707 Bethel Ave., Merchantville, N.J. (Corp. M. Apr. '31)

**Southard, Alvin C.,** Mgr., Water Dept., Inc. Village of Freeport, 46 N. Ocean Ave., Freeport, N.Y. (July '40)

**Southern Alkali Corp.,** 414 Tower Petroleum Bldg., Dallas, Tex. (Assoc. M. July '38)

**Southern California Gas Co.,** Willard J. Suess, 810 S. Flower St., Los Angeles, Calif. (Corp. M. Jan. '39)

**Southern California Water Co.,** H. V. Anderson, Vice-Pres., 1206 S. Maple Ave., Los Angeles, Calif. (Corp. M. June '29)

**Southern Pipe & Casing Co.,** Douglas A. Stromsoe, Vice-Pres., Box C, Azusa, Calif. (Assoc. M. Jan. '42)

**Sowden, Howard J.,** Jr. Chemist, Minneapolis Water Dept., Fridley Softening Plant, Minneapolis, Minn. (Affil. Jan. '39)

**Spafford, H. A.,** Sr. San. Engr., Illinois Dept. of Public Health, Capitol Bldg., Springfield, Ill. (Oct. '38)

**Spalding, Geo. R.,** San. Engr., Hackensack Water Co., New Milford, N.J. (June '26) *Fuller Award '41.*

**Sparks, George H.,** City Hall, East Point, Ga. (July '35)

**Sparks, Harry H.,** Dept. of Water & Power, Box 3669 Terminal Annex, Los Angeles, Calif. (Sept. '31)

**Sparling, R. W.,** 945 N. Main St., Los Angeles, Calif. (Assoc. M. Nov. '25)

**Sparling, Ray C.,** Pacific Coast Sales Mgr., R. W. Sparling Meter Co., 945 N. Main St., Los Angeles, Calif. (Oct. '39)

**Spaulding, A. B.,** *see* Keasbey & Mattison Co.

**Spaulding, Charles H.,** Supervising Chemist, City Water, Light & Power Dept., Springfield, Ill. (July '24) *Goodell Prize '33. Fuller Award '40.*

**Spaulding, Leon H.,** *see* Federal Pipe & Tank Co.

**Specht, James E.,** Supt., Orrville Munic. Utilities, 1133 Perry St., Orrville, Ohio (Apr. '40)

**Speer, Grant G., Jr.,** Dept. of Water & Power, Box 3669 Terminal Annex, Los Angeles, Calif. (July '41)

**Speiden, H. W.,** Dept. of Civ. Eng., West Virginia Univ., Morgantown, W.Va. (July '35)

**Spellman, W. A.,** Township Engr., Kirkland Lake, Ont., Can. (Jan. '40)

**Spence, W. O.,** Supt. of Filtration, Sanford, N.C. (Apr. '30)

**Spencer, C. R.,** Gen. Sales Mgr., Lynchburg Foundry Co., Lynchburg, Va. (Jan. '39)

**Spencer, W. R.,** Prof. of Civ. Eng., Univ. of Arkansas, Fayetteville, Ark. (Oct. '39)

**Spencer, Walter,** *see* South Jersey Assn. of Water Supts.

**Sperry, S. M.,** Mech. Engr., 1804 Olive St., Reading, Pa. (July '35)

**Sperry, Walter A.,** Chem. Engr., 733 S. Fourth St., Aurora, Ill. (Dec. '14)

**Spokane, City of,** Alex Lindsay, Supt., Water Div., 302 City Hall, Spokane, Wash. (Corp. M. Apr. '12) *Fuller Award '39. Director '42-'44.*

**Spradley, J. W.,** *see* M & H Valve & Fittings Co.

**Sprague, Everett H.,** Asst. Supt., Peapack-Gladstone Water Dept., Main St., Peapack, N.J. (Affil. July '41)

**Springfield City Water, Light & Power Dept.,** S. T. Anderson, Admin. Asst., Springfield, Ill. (Corp. M. May '30)

**Spry, Cleo,** Asst. Supt., City Light & Water Works, 640 N. 5th St., Goshen, Ind. (Jan. '41)

**Spurgeon, Ralph,** Supt., Ligonier Water Works, Ligonier, Ind. (Apr. '42)

**Stack, John P.,** Gen. Supt., City Light & Water Works, 308 N. 5th St., Goshen, Ind. (Apr. '42)

**Staeffler, W. C.,** Gen. Mgr., Public Utilities Com., 817 Franklin St., Manitowoc, Wis. (Jan. '37)

**Stalbird, James A.,** State Dept. of Health, Paul Smith Bldg., Saranac Lake, N.Y. (Apr. '25)

**Staley, H. H.,** Cons. Engr., 416 Woodlawn Ave., Topeka, Kan. (July '38)

**Stalker, W. D.,** Engr., Simcoe, Ont., Can. (Jan. '41) ★

**Stanfield, Z. A.,** Dist. Mgr., Pittsburgh Equitable Meter Co., 67 McCall St., Memphis, Tenn. (Oct. '40)

**Stanger, W. H.,** Mgr., Munic. Water Dist., 1510 Cravens Ave., Torrance, Calif. (Oct. '37)

**Stanley, C. M.,** Cons. Engr., Stanley Engineering Co., Box 731, Muscatine, Iowa (Sept. '32)

**Stanley, I. J., Jr.,** *see* Monsanto Chemical Co.

**Stanley, William E.,** 1735 N. Troy St., 414 Colonial Village, Arlington, Va. (Nov. '20)

**Stannard Power Equipment Co.,** H. V. Bowlby, 53 W. Jackson Blvd., Chicago, Ill. (Assoc. M. Jan. '38)

**Stapley, Edward R.,** 27 College Circle, Stillwater, Okla. (July '37)

**Starling, Charles H.,** Sales Engr., Infilco, Inc., 417 Fenton Pl., Charlotte, N.C. (July '38)

**Starnes, Tom M.,** Southern Sales Mgr., American Cast Iron Pipe Co., Box 2603, Birmingham, Ala. (July '35)

**Statesville City Water Dept.,** H. S. Douglass, Supt., Statesville, N.C. (Corp. M. Oct. '40)

**Statham, Richard N.,** Industrial Chemical Sales Div., 844 Leader Bldg., Cleveland, Ohio (Jan. '36)

**Stathas, P. P.,** Partner-Engr., Duff & Phelps, 208 S. La Salle St., Chicago, Ill. (July '41)

**Staub, William S.,** Engr., West Virginia Water Service Co., 814 Peoples Bank Bldg., Charleston, W.Va. (July '34) ★

**Stauf, J. V.,** *see* Solvay Sales Corp.

**Stauff, Paul V.,** City Chemist, Park Hotel, Eveleth, Minn. (Jan. '34)

**Stava, William,** Engr., Hydr. Div., California Railroad Com., 510 State Bldg., San Francisco, Calif. (May '27)

**Stavrowsky, Paul A.,** Asst. Engr., Water Dept., City of Santos Improvement Co., Ltd., Caixa Postal 4, Santos, Brazil (Jan. '39)

**Stearns, Harrington P.,** Long Island Water Corp., 337 Merrick Rd., Lynbrook, N.Y. (Jan. '14)

**Stearns, Max A.,** Mgr., Kokomo Water Works Co., 209 W. Walnut St., Kokomo, Ind. (Jan. '41)

**Steel Protection & Chemical Co., Inc.,** L. R. Rogers, Pres., Mooresville, Ind. (Assoc. M. Apr. '39)

**Steelman, Elmer S.,** Mgr., Ocean City Water Service Co., 10th St. & West Ave., Ocean City, N.J. (July '29)

**Steenson, H. D.,** Secy., Water Works, Plano, Tex. (Oct. '39)

**Steffani, E. C.,** Office Engr., Gas & Water Dept., Coast Counties Gas & Elec. Co., 22 Pacific Ave., Santa Cruz, Calif. (Jan. '39)

**Steib, F. L.,** Gen. Mgr., Water Works & Lighting Com., Wisconsin Rapids, Wis. (Jan. '42)

**Stenger, Jno. N.,** Engr., Water Dept., 3208 N. 21st Ave., Tacoma, Wash. (Apr. '40)

**Stephenson, Frank H.,** 3652 Kingston Pike, Knoxville, Tenn. (May '20)

**Stepleton, H. A.,** Engr., H. P. Jones & Co., 606 Second National Bank Bldg., Toledo, Ohio (Apr. '40)

**Sterling, City of,** H. M. Krull, City Clerk, Box 308, Sterling, Colo. (Corp. M. Jan. '39)

**Sterling Engine Co.,** E. T. Herniman, Sales Engr., 1270 Niagara St., Buffalo, N.Y. (Assoc. M. Apr. '37)

**Stern, Sollis E.,** Supt., Frankfort Water Works Co., Frankfort, Ind. (May '33)

**Sterns, Edward A.,** Supt., Water Dept., 207 Long Ave., Hamburg, N.Y. (Apr. '37) *Fuller Award '38.*

**Stevens, James S.,** Supt. of Yards & Shops, East Bay Munic. Utility Dist., 2127 Adeline St., Oakland, Calif. (May '33)

**Stevenson, Albert Henry,** 475 Argyle Rd., Brooklyn, N.Y. (Jan. '40)

**Stevenson, R. C.,** *see* Idaho Survey & Rating Bureau

**Stevenson, Ralph A.,** Cons. Chemist, 641 Gibbons St., Los Angeles, Calif. (Sept. '27)

**Steward, W. R.,** Supt., White County Water Co., Searcy, Ark. (Jan. '42)

**Stewart, C. E.,** Mgr., Muncie Water Works Co., 316 S. Mulberry St., Muncie, Ind. (Jan. '25)

**Stewart, C. M.,** Supt., Water Dept., Bradford, Pa. (July '35)

**Stewart, Elon P.,** *see* Syracuse Dept. of Engineering

**Stewart, M. T.,** Mgr., Rockwood Water Co., 768 Grandview Ave., Rockwood, Pa. (Jan. '39)

**Stewart, Marion G.,** Supt., Natchez Water Works, Natchez, Miss. (Feb. '32)

**Stewart, Melbourne G.,** Jr. Civ. Engr., Dept. of Water Supply, 709 Water Board Bldg., Detroit, Mich. (July '40)

**Stewart, Neil G.,** Asst. Engr., Dept. of Works, Island Filtration Plant, Centre Island, Toronto, Ont., Can. (May '33)

**Stewart, O. J.,** Supt., Water Works Dept., Greencastle, Ind. (Jan. '38)

**Stichler, Theodore,** Supt., Argos Munic. Water Works, 221 N. Michigan St., Argos, Ind. (Jan. '41)

**Stickel, Chas. R.,** City Mgr., City Hall, Melbourne, Fla. (July '39)

**Stiles, Arthur B.,** *see* Owego Water Works

**Stillwell, Howard L.,** 325 Second Ave., S.E., Atlanta, Ga. (Jan. '39)

**Stilwell, Robert L.,** Supt., Water Dept., Southern Indiana Gas & Elec. Co., Evansville, Ind. (July '35)

**Stimmel, R. M.,** Chief Chemist, New York, Chicago & St. Louis R.R., Lima, Ohio (Apr. '30)

**Stinson, E. J. L.,** *Daily Commercial News & Building Record,* 65 Pearl St., Toronto, Ont., Can. (Apr. '42)

**Stober, A. W.,** Repr. Neptune Meter Co., 1519 N.W. Johnson St., Portland, Ore. (July '34)

**Stock, Harry,** Civ. Engr., 4440 Abbott Ave., S., Minneapolis, Minn. (Jan. '39)

**Stockman, R. C.,** Asst. Engr., % City Engr., San Diego, Calif. (Apr. '40)

**Stockner, L. J.,** Supt. of Filtration, Galax, Va. (Oct. '34)

**Stockwell, Henry P., Jr.,** Chem. Engr., Ottawa Water Purif. Plant, Ottawa, Ont., Can. (Jan. '33)

**Stokes, D. Birney,** Vice-Pres., U.S. Pipe & Foundry Co., Burlington, N.J. (Oct. '35)

**Stokvis, R. S., & Sons, Inc.,** George R. Woods, Mgr., 17 Battery Pl., New York, N.Y. (Assoc. M. Jan. '42)

**Stoldt, G. F.,** 759 S. Church St., Jacksonville, Ill. (Dec. '22)

**Stolk, Juan F.,** Gen. Mgr., Comp. Anonima de Estudios y Const. Agro Pecuarias, "Riego," Esquina Miracielos, Caracas, Venezuela (Jan. '36)

**Stolp, Amer C.,** Local Mgr., California Water Service Co., Marysville, Calif. (Nov. '33)

**Stompler, Otto F.,** Supt., Langhorne Spring Water Co., Langhorne, Pa. (Jan. '26)

**Stone, Myron D.,** *see* Oswego Dept. of Water

**Stone, Robert R.,** Acting Supt. & Engr., Elizabethtown Water Co., Cons., 22 W. Jersey St., Elizabeth, N.J. (Jan. '39)

**Stone, Wyman R.,** 98 Maple St., Athol, Mass. (Jan. '38)

**Storm, A. O.,** Trustee, City Water Works, 6 Oak St., Council Bluffs, Iowa (Jan. '39)

**Storm, E. W.,** Supt., Algoma Utility Com., Algoma, Wis. (Oct. '40)

**Storrie, William,** Cons. Engr., Charles-Bay Bldg., 1130 Bay St., Toronto 5, Ont., Can. (Mar. '15)

**Stosick, J. F.,** City Hall, South Milwaukee, Wis. (July '35)

**Stothoff, W. Luther,** Pres., W. Stothoff Co., Inc., Flemington, N.J. (Jan. '42)

**Stott, Roy,** Mgr., Light & Water Dept., Greenwood, Miss. (July '38)

**Stouder, E. H.,** Supt., Water Works, Batavia, Ohio (Oct. '40)

**Stout, Edison O.,** Operator, Belle Center, Ohio (Jan. '41)

**Stover, Frederick H.,** Chemist & Bacteriologist, Crescent Hill Filter, Louisville Water Co., Louisville, Ky. (June '12) ★

**Strader, Alfred A.,** Meter & Service Inspector, Dept. of Water & Power, 245 S. Harvard Blvd., Los Angeles, Calif. (Oct. '38)

**Stradling, F. P.,** American Water Works & Elec. Co., 50 Broad St., New York, N.Y. (Dec. '24)

**Straetz, A. G.,** 5410 Kimbark Ave., Chicago, Ill. (July '35)

**Straight, P. D.,** Jr. Officer of Sanitation, Federal Industrial Institution for Women, Box 58, Alderson, W.Va. (Affil. Jan. '39)

**Strang, John A.,** Div. Mgr., Wallace & Tiernan Sales Corp., 426 Board of Trade Bldg., Kansas City, Mo. (Feb. '23)

**Strasser, R. J.,** Owner, R. J. Strasser Drilling Co., R. 3, Box 594, Portland, Ore. (Jan. '39)

**Strathroy Public Utilities Com.,** A. E. Ditchburn, Mgr., Strathroy, Ont., Can. (Corp. M. Feb. '32)

**Straub, Conrad P.,** 299 Myrtle Ave., Irvington, N.J. (Jan. '40)

**Street, J. C.,** *see* Welland Board of Water Comrs.

**Streeter, Robert L.,** Civ. Engr., Box 359, Gillette, Wyo. (Apr. '37)

**Strickland, G. Hudson,** Supt. of Filtration Plant, Windsor Utilities Com., Canada Bldg., Windsor, Ont., Can. (Mar. '29)

**Strickler, Simon F.,** 1827 N. 2nd St., Harrisburg, Pa. (Jan. '37)

**Strockbine, Walter,** Chemist, 3433 Ryan Ave., Philadelphia, Pa. (June '27)

**Strohmeyer, Joseph S.,** Distr. Engr., Bureau of Water Supply, 3409 Dolfield Ave., Baltimore, Md. (May '22)

**Stromquist, W. G.,** 82 S. Crest Rd., Chattanooga, Tenn. (May '32)

**Stromsoe, Douglas A.,** *see* Southern Pipe & Casing Co.

**Strother, Bryant L.,** Filter Plant Supervisor, du Pont Rayon Co., Richmond, Va. (Jan. '35)

**Stroyd, A. H.,** Sales Repr., Pittsburgh Equitable Meter Co., % Meter Parts Co., 243 N. 5th St., Columbus, Ohio (Jan. '41)

**Strudgeon, J. C.,** Supt., Parkrose Water Dist., 10404 N.E. Sandy Blvd., Portland, Ore. (July '35)

**Stuart, Archer B.,** *see* Healdsburg, City of

**Stuart, Charles L.,** Supt., New Jersey Water Co., 610 Station Ave., Haddon Heights, N.J. (Jan. '40)

**Stuart, Fred E.,** Activated Alum Corp., Curtis Bay, Baltimore, Md. (Oct. '31)

**Stuart, Linden,** *see* Wailes Dove-Hermiston Corp.

**Stutz, C. N.,** 1308 N. Rosney Ave., Bloomington, Ill. (July '35)

**Suburban Water Co. (San Francisco),** Henry Cartan, Pres., 58 Sutter St., San Francisco, Calif. (Corp. M. Oct. '37)

**Suburban Water Co. (Verona),** A. G. Garvin, Vice-Pres., 748 Allegheny River Blvd., Verona, Pa. (Corp. M. Apr. '09)

**Sudlow, Harry,** Supt. of Water Works, Aiken, S.C. (Apr. '30)

**Suess, Willard J.,** *see* Southern California Gas Co.

**Sullivan, Daniel M.,** Supt. of Eng. Div. & Deputy Comr. of Water Dept., City Hall Annex, Boston, Mass. (July '41)

**Sullivan, J. R.,** Mgr., Public Utilities Com., 524 Dundas St., Woodstock, Ont., Can. (Jan. '42)

**Sullivan, William F.,** *see* Pennichuck Water Works

**Summers, O. B.,** *see* New Mexico Power Co.

**Sutcliffe, H. W.,** Civ. Engr., New Liskeard, Ont., Can. (July '35)

**Suter, Max,** Engr., State Water Survey, 405 W. Elm St., Urbana, Ill. (May '33)

**Suter, Russell,** Exec. Engr., Water Power & Control Com., Albany, N.Y. (Oct. '14)

**Suters, Frank,** Plant Mgr., California Water Service Co., Box 471, Stockton, Calif. (Oct. '37)

**Sutherland, Lois (Miss),** *see* Paducah Water Works

**Sutherland, Oscar,** Supt., Water Dept., Box 473, Sioux City, Iowa (June '27)

**Svenson, S. H.,** Buffalo Sales Agent, U.S. Pipe & Foundry Co., 957 E. Ferry St., Buffalo, N.Y. (Apr. '37)

**Swab, Bernal, H.,** 406 Raleigh B. & L. Bldg., Raleigh, N.C. (Mar. '30)

**Swanson, Herbert S.,** Hydrographer, Bureau of Water Works & Supply, Box 3669 Terminal Annex, Los Angeles, Calif. (Oct. '34) ★

**Swanson, J. L.,** Water Purif. Supt., 2238—18th St., Port Arthur, Tex. (Oct. '39)

**Swartz, Martin,** Supt., Greenville Utilities Com., Greenville, N.C. (Dec. '24)

**Swartz, W. E.,** *see* Preston Light & Water Com. on Public Utilities

**Swearingen, C. V.,** Chief Chemist, City Water Co., Chattanooga, Tenn. (Jan. '24)

**Sweeney, R. E.,** New England Sales Agent, U.S. Pipe & Foundry Co., 250 Stuart St., Boston, Mass. (July '39)

**Swingley, Ralph L.,** Prin. Asst. in Acctg. Dept., Indianapolis Water Co., 113 Monument Circle, Indianapolis, Ind. (Jan. '40)

**Swinney, Guy H.,** Chief Chlorine Plant Operator, Bureau of Water Works & Supply, Box 3669 Terminal Annex, Los Angeles, Calif. (Oct. '37)

**Swittenberg, R. L.,** Supt., Duke Power Co., Anderson, S.C. (Apr. '39)

**Sybrandt, John L.,** Sales Repr., Ludlow Valve Mfg. Co., 7 S. Dearborn St., Chicago, Ill. (Apr. '34)

**Sydnor, Garland S.,** *see* East Coast Water Co.

**Sydow, William,** Cons. Engr., 2376 S.W. 21st St., Miami, Fla. (July '38)

**Symes, Cyril B.,** City Engr., City Hall, Fort William, Ont., Can. (Apr. '38)

**Symonds, Allen M.,** Mgr., Northeastern Water & Elec. Corp., Southern New England Cos., 114 Elm St., Millbury, Mass. (July '40)

**Symons, George E.,** Chief Chemist, Bird Island Lab., Buffalo Sewer Authority, Buffalo, N.Y. (Jan. '32)

**Symons, M. M.,** Chief Engr., Interstate Water Co., Box 803, Danville, Ill. (Feb. '15)

**Syracuse Dept. of Engineering,** Div. of Water, Elon P. Stewart, Engr., 400 City Hall, Syracuse, N.Y. (Corp. M. Jan. '23) *Fuller Award '39.*

**Taber, George A.,** Cons. Engr., 1000 N. Main St., Reading, Mass. (June '12)

**Taggart, Robert S.,** Dist. San. Engr., State Dept. of Health, 268 Guy Park Ave., Amsterdam, N.Y. (Apr. '37)

**Tait, Robert S.,** Supt. of Water, 14 California St., Santa Cruz, Calif. (Oct. '25)

**Tait, Wm.,** Supt. of Water Works, Picton, Ont., Can. (Apr. '34)

**Talbot, Earle,** Vice-Pres., Hackensack Water Co., 107 Booth Ave., Englewood, N.J. (May '20)

**Tallant, Lee H.,** Water Supt., Estes Park, Colo. (Apr. '30)

**Tallon, E. P.,** Supt., Dominguez Water Corp., R. 2, Box 215, Long Beach, Calif. (Jan. '39)

**Tamer, Paul,** Chemist, Hackensack Water Co., New Milford, N.J. (Jan. '39)

**Tangney, Frank P.,** Salesman, National Meter Div., 5401 Woodlawn Ave., Seattle, Wash. (July '35)

**Tankard, Ernest E.,** Supt., Berlin Water Works, 292 Prospect St., Berlin, N.H. (Jan. '42)

**Tankersley, S. J.,** *see* Ocala Water Dept.

**Tanner, Clair D.,** *see* Holland Water Dist. No. 1

**Tanner, J. R.,** 810 Flamingo Drive, West Palm Beach, Fla. (Oct. '39) *Director '40.*

**Tappen, Ray,** Supt., Jericho Water Dist., Box 434, Glen Head, N.Y. (July '38)

**Tarbell, W. P.,** City Engr., Box 185, Fargo, N.D. (Feb. '28)

**Tarbett, R. E.,** Sr. San. Engr., U.S. Public Health Service, Washington, D.C. (July '21)

**Tarlton, Ellis Alvord,** Chemist-in-Charge, Danbury Filtration Plants, Lake Avenue Extension, R.F.D. No. 1, Danbury, Conn. (Apr. '39)

**Tarr, Jesse,** Chemist in Charge of Filtration, Wellsville Water Dept., 806 Main St., Wellsville, Ohio (Oct. '39)

**Tarshis, M. A.,** *see* Interstate Lead Distributing Co.

**Tassie, Gilbert C.,** R.R. 2, Coldstream, Vernon P.O., B.C., Can. (Oct. '38)

**Tate, Guy M.,** San. Engr., Jefferson County Health Dept., Box 2591, Birmingham, Ala. (Oct. '39)

**Tate, H. L.,** Sr. Operator, Redlands City Water Dept., Mentone, Calif. (Oct. '38)

**Tate Pipelinings, Inc.,** Bruce Harkness, 47 Haverhill St., Andover, Mass. (Assoc. M. Jan. '38)

**Tatnall, George,** Hydr. Engr., National Board of Fire Underwriters, 222 W. Adams St., Chicago, Ill. (Feb. '30)

**Taulman, W. D.,** 179 Spring St., S.W., Atlanta, Ga. (July '35)

**Tavistock Public Utilities Com.,** Harry Hitzeroth, Chairman, Tavistock, Ont., Can. (Corp. M. July '41)

**Tay, Samuel Wright,** San. Engr., Territorial Board of Health, 2413 Lower Manoa Rd., Honolulu, T.H. (July '20)

**Taylor, Alva A.,** Area Planning Engr., Federal Public Works Reserve, 1612 Appleton St., Long Beach, Calif. (Oct. '39)

**Taylor, Arthur,** *see* Beverly Hills Water Dept.

**Taylor, D. R.,** Supt., City Water Dept., 514 Woods Ave., S.W., Roanoke, Va. (Sept. '33)

**Taylor, Edwy L.,** Box 236, Camden, Me. (Apr. '41)

**Taylor, Frank S.,** Supt. & Chemist, Water Dept., City Hall, Defiance, Ohio (Apr. '41)

**Taylor, Geo. R.,** San. Chemist, 135 Jefferson Ave., Scranton, Pa. (May '08)

**Taylor, R. A.,** Repr., Layne-Texas Co., 3901 Elm St., Dallas, Tex. (Oct. '39)

**Taylor, Warren C.,** Assoc. Prof. of Civ. Eng., Union College, Schenectady, N.Y. (Oct. '24)

**Technical Assn. Pulp & Paper Industry,** Lewis B. Miller, Chairman, Water Com., 245 Forrest Ave., Ambler, Pa. (Corp. M. Apr. '41)

**Technicraft Engineering Co.,** H. E. Linden, Gen. Mgr., 5610 S. Soto St., Los Angeles, Calif. (Assoc. M. Apr. '42)

**Teck, Township of,** F. G. Browne, Supt. of Water Works, Kirkland Lake, Ont., Can. (Corp. M. Feb. '32)

**Teckoe, J. E., Jr.,** *see* Tillsonburg Public Utilities Com.

**Teed, R. H.,** *see* Hot Springs Water Co.

**Tempest, W. F.,** *see* Portland Cement Assn.

**Temple, Robert M.,** Supt. of Utilities, City Hall, Tallahassee, Fla. (Oct. '41)

**Ten Eyck, J. Stanley,** Repr., Rensselaer Valve Co., 131 Hurlsbourne Rd., Rochester, N.Y. (Apr. '41)

**Tennessee Eastman Corp.,** John Callan, Kingsport, Tenn. (Corp. M. Jan. '39)

**Tenney, Ralph C.,** Pres. of City Council, Water Com., City Hall, Bellingham, Wash. (Affil. Jan. '42)

**Tenny, M. K.,** Asst. to Gen. Mgr., Des Moines Water Works, 10th & Locust Sts., Des Moines, Iowa (Feb. '27)

**Tessier, A. H.,** 531 Ritz Apts., 1040 Georgia St., Vancouver, B.C., Can. (Jan. '37)

**Tetzlaff, Frank,** San. Engr., McLean, Va. (Jan. '36)

**Texas Gulf Sulphur Co., Inc.,** J. W. Schwab, Assay Office, Newgulf, Tex. (Corp. M. Jan. '42)

**Texas Technological College Library,** Lubbock, Tex. (Corp. M. Jan. '40)

**Thacker, E. H.,** Asst. Supt., Meters & Services Dept., Dept. of Water & Power, 468 Ducommun St., Los Angeles, Calif. (Oct. '29)

**Thane, H. S.,** Supt., Missoula Div., Montana Power Co., Missoula, Mont. (Apr. '26)

**Thatcher, Lynn M.,** *see* Utah State Dept. of Health

**Thayer, E. S.,** Sales Repr., Mathieson Alkali Works, Inc., 410 N. Michigan Ave., Chicago, Ill. (July '35)

**Thayer, Halsey W.,** Supt. of Equipment, Dept. of Water & Power, 410 Ducommun St., Los Angeles, Calif. (Jan. '41)

**Thayer, Neal B.,** *see* Elkhorn Light & Water Com.

**Theobald, Jerome J.,** Commercial Engr., Westchester Lighting Co., 9 S. First Ave., Mount Vernon, N.Y. (Mar. '34)

**Thiessen, Frank C.,** Cons. Engr., Public Service Com., Madison, Wis. (Oct. '24)

**Thoman, John R.,** 741 Bulen Ave., Columbus, Ohio (Jr. M. Jan. '41)

**Thomas, A. H. R.,** *see* New Toronto Public Utilities Com.

**Thomas, Ariel Alton,** 2420 S. 8th St., Springfield, Ill. (Jan. '38)

**Thomas, Benjamin B.,** Water Works Supt., Public Utilities Com., Parry Sound, Ont., Can. (Jan. '41)

**Thomas, Brennan S.,** Engr., Water Dept., 215 W. Broadway, Long Beach, Calif. (Oct. '40) ★

**Thomas, Charles A.,** Member of Board, Dept. of Water & Sewers, 3536 Main Highway, Coconut Grove, Fla. (Apr. '42)

**Thomas, Charles F.,** Dist. Mgr., Pittsburgh Equitable Meter Co., 607 Iroquois Bldg., Buffalo, N.Y. (Apr. '37)

**Thomas, Charles F.,** *see* Roberts Filter Mfg. Co.

**Thomas, Charles O.,** Supt., Water & Light Plant, Hope, Ark. (Jan. '40)

**Thomas, David S.,** Inspecting Engr., Board of Fire Underwriters of the Pacific, 1106 Second Ave., N., Great Falls, Mont. (Feb. '27)

**Thomas, E. R.,** Supt., Munic. Water Dept., Burlington, N.C. (Jan. '36)

**Thomas, Edgar,** Supt., City Water Works, Box 205, Yreka, Calif. (June '27)

**Thomas, Edwin S.,** Attorney, Long Beach Water Dept., 409 Municipal Utilities Bldg., Long Beach, Calif. (Jan. '41)

**Thomas, F. B.,** Thomas Drain Service, 616 Sunset View Drive, Akron, Ohio (Apr. '40)

**Thomas, Franklin,** Prof. of Civ. Eng., California Institute of Technology, Pasadena, Calif. (Mar. '30)

**Thomas, H. W.,** Pacific States Mgr., Badger Meter Mfg. Co., 250 Euclid St., Santa Monica, Calif. (Oct. '41)

**Thomas, Howard S.,** Cons. Engr., 25 Exchange St., Rochester, N.Y. (Oct. '40)

**Thomas, Ken C.,** Mgr., Virginia Culvert Corp., 1735 Summit Ave., Richmond, Va. (July '38)

**Thomas, Norton A.,** Chief Chemist, Milwaukee Water Works, 3353 N. Frederick Ave., Milwaukee, Wis. (May '30)

**Thomas, R. Allen,** Comr. of Public Works, City Hall, Winston-Salem, N.C. (Apr. '36)

**Thomas, T. W.,** The Peoples Water Co., Phillipsburg, N.J. (Apr. '36)

**Thompsen, Albert,** Meter Shop Foreman, Munic. Water Dept., 3516 S. 47th Ave., Minneapolis, Minn. (Apr. '38)

**Thompson, B. M.,** Purchasing Agent, Southern California Water Co., 950 Bendix Bldg., Los Angeles, Calif. (Oct. '40)

**Thompson, David G.,** Water Resources Branch, U.S. Geological Survey, Washington, D.C. (Sept. '24) *Goodell Prize '39.*

**Thompson, E. W.,** Northwestern Mgr., Neptune Meter Co., 1519 N.W. Johnson St., Portland, Ore. (Dec. '27)

**Thompson, H. Loren,** *see* Idaho, Univ. of

**Thompson, H. M.,** Mgr., Hercules Powder Co., Box 135 Station A, Atlanta, Ga. (Jan. '38)

**Thompson, James Greer,** Consolidated Steel Corp., Ltd., Shipbuilding Div., Box 547, Wilmington, Calif. (Oct. '40)

**Thompson, John D.,** Hotel Onondaga, Syracuse, N.Y. (Oct. '29)

**Thompson, L. W.,** Supt., City Water Dept., 272 N. Cambridge St., Orange, Calif. (July '39)

**Thompson, Leonard N.,** Gen. Supt. & Engr., Water Dept., St. Paul, Minn. (Apr. '29) *Director '37–'39.*

**Thompson, N. J.,** Sales Mgr., Thompson Pipe & Steel Co., 3001 Larimer St., Denver, Colo. (Oct. '39)

**Thompson, Nelson,** *see* Homelite Corp.

**Thompson, Rudolph E.,** Deputy Director of Water Purif., Filtration Plant, 445 Parkside Drive, Toronto 3, Ont., Can. (Mar. '22)

**Thompson, S. A.,** Chief Engr. & Plant Supt., Citizens Water Co., Burlington, Iowa (July '35)

**Thompson, Samuel H.,** Deputy Chief, Bureau of Water, 803 City Hall Annex, Philadelphia, Pa. (Apr. '42)

**Thomson, J. A.,** Apdo. 1715, Havana, Cuba (Jan. '41)

**Thomson, Medford T.,** Dist. Engr., U.S. Geological Survey, 5 N. Rhodes Center, Atlanta, Ga. (Oct. '41)

**Thomson Meter Co.,** R. K. Blanchard, Vice-Pres., 50 W. 50 St., New York, N.Y. (Assoc. M. Apr. '91)

**Thorne, S. O.,** *see* Grinnell Co., Inc.

**Thornton, Grover L.,** Supt., City Water Dept., Kelso, Wash. (Apr. '37)

**Thornton, Gustavus,** Cons. Engr., 604 Santa Fe Bldg., Galveston, Tex. (Apr. '39)

**Thornton, J. S.,** *see* Federal Advisers, Inc.

**Thorp, D. W.,** Hamlet Water Co., Hamlet, N.C. (July '35)

**Thorpe, T. W.,** Chief Engr. & Gen. Mgr., Thorpe Well Co., Box 1376, Des Moines, Iowa (Oct. '34)

**Thorson, Wilbur R.,** Elec. Engr., 4112 Noyes Ave., Charleston, W.Va. (Oct. '37)

**Thrasher, W. E.,** Gen. Supt., Westchester Joint Water Works No. 1, Mamaroneck, N.Y. (Jan. '37)

**Thuma, R. A.,** Supt., Filter Plant, Water Dept., R.F.D. No. 4, Dayton's Bluff P.O., St. Paul, Minn. (Mar. '25) *Director '42.*

**Thwaits, E. H.,** *see* American Iron & Steel Institute

**Tiernan, Martin T.,** Sales Engr., Wallace & Tiernan Co., Inc., Roseland Ave., Essex Fells, N.J. (Jan. '41)

**Tighe, James L.,** Cons. Engr., 189 High St., Holyoke, Mass. (Apr. '89)

**Tilbury Public Utilities Com.,** G. S. Richardson, Comr., Tilbury, Ont., Can. (Corp. M. Apr. '34)

**Tillsonburg Public Utilities Com.,** J. E. Teckoe Jr., Supt., Tillsonburg, Ont., Can. (Corp. M. Feb. '29)

**Timanus, C. S.,** Burns & McDonnell Engineering Co., 107 W. Linwood Blvd., Kansas City, Mo. (May '31)

**Timmins, Corp. Town of,** J. D. McLean, Town Engr., Town Hall, Timmins, Ont., Can. (Corp. M. Feb. '33)

**Tinney, Donald,** Supt. of Water, Port Ewen, N.Y. (Affil. Jan. '39)

**Tischer, H. G.,** Mgr., Water-Gas-Sewage Disposal Dept., 414–16 W. 1st St., Duluth, Minn. (July '41)

**Tobin, L. P.,** Supt. & Treas., Munic. Water & Light Dept., Camden, S.C. (Jan. '32)

**Todd, Albert H.,** Mgr., Talladega Light & Water Com., Talladega, Ala. (Jan. '41)

**Todd, Arthur R.,** Chemist, Wheeling Water Dept., Water Works, Warwood, Wheeling, W.Va. (Apr. '34)

**Todd, J. A.,** Supt., Water & Light Dept., City Hall, Kewanee, Ill. (July '41)

**Todd, J. S.,** Chief Engr., Munic. Water Plant, 711 N. Independence St., Harrisonville, Mo. (Apr. '41)

**Toews, C. A.,** Supt., Dinuba Water Dept., Dinuba, Calif. (Oct. '37)

**Tolburg, H. A.,** 2020 S. 5th St., Springfield, Ill. (July '35)

**Tolles, Frank C.,** Civ. & San. Engr., Leader Bldg., Cleveland, Ohio (Aug. '23)

**Tolman, S. L.,** *see* Jeffrey Mfg. Co.

**Toman, R. S.,** Chief Chemist, Chemical Equipment Co., 911 Harrison St., San Francisco, Calif. (Jan. '40)

**Tomek, Arthur O.,** Filter Plant Supt., Two Rivers, Wis. (Oct. '35)

**Tomlinson, W. J.,** Technical Director, Wood Industries Supply Co., Ltd., 2009 Royal Bank Bldg., Montreal, Que., Can. (July '38)

**Tomlinson, W. S.,** City Engr., Columbia, S.C. (July '37)

**Tompkins, H. G.,** *see* Emporium Water Co.

**Toms, J. H.,** Supt. of Filtration, Water Dept., 206 Lee St., Shelby, N.C. (Jan. '40)

**Toms, R. C.,** Mgr., Marion Water Co., Marion, Iowa (Apr. '24)

**Tonglet, Karel H.,** City Water Supt., City Hall, Monrovia, Calif. (Oct. '37)

**Topham, W. R.,** Chief Chemist, Electro Metallurgical Co., Alloy, W.Va. (Affil. Jan. '39)

**Toronto Dept. of Works,** R. C. Harris, Comr. of Works, City Hall, Toronto 2, Ont., Can. (Corp. M. Jan. '35)

**Torriente, Esteban R.,** Chief Engr., Public Works Dept., Prado 190 Altos, Cienfuegos, Cuba (Jan. '40)

**Totka, Vincent,** Mayor, 3617 E. Plankinton Ave., Cudahy, Wis. (Jan. '42)

**Totman, W. A.,** *see* Sierra Pacific Power Co.

**Toulon Water Works,** Earl Davis, Mayor, Toulon, Ill. (Corp. M. Oct. '41)

**Towne, James E.,** Supt., Water & Light Dept., North Forest St., Waupun, Wis. (Oct. '35)

**Towne, W. W.,** 128 Edgewood Ave., Columbia, Mo. (Dec. '29)

**Towns, J. E.,** Mgr., General Chemical Co., 105 W. Madison St., Chicago, Ill. (Oct. '37)

**Townsend, C. P.,** Supt. of Water Works, Abbeville, S.C. (July '35)

**Townsend, Fred W.,** 2411 Ivanhoe Drive, Los Angeles, Calif. (Apr. '33)

**Townsend, Hal C.,** 601 N. Grand Ave., Fowlerville, Mich. (Jan. '38)

**Tracy, Harry W.,** Water Purif. Engr., San Francisco Water Dept., Millbrae, Calif. (Jan. '40)

**Tracy, J. E.,** Engr., The Pitometer Co., 1215 State Bank Bldg., 75 State St., Albany, N.Y. (Jan. '37)

**Tracy, R. N.,** Civ. Engr., Hardesty Mfg. Co., Box 2170, Denver, Colo. (Jan. '35)

**Trainer, J. Hagan,** Supt., City Water Works, 306 Market St., Steubenville, Ohio (Apr. '42)

**Trauger, George W.,** Supt., Lindsay-Strathmore Irrigation Dist., Lindsay, Calif. (Nov. '25)

**Travaini, Dario,** San. Engr., Water Dept., City Hall, Phoenix, Ariz. (July '40)

**Traver, Leslie J.,** Supt. of Pumping Plant, East Bay Munic. Utility Dist., 512—16th St., Oakland, Calif. (May '33)

**Traver, Ward B.,** Bottlers' Service Dept., The Coca-Cola Co., 310 North Ave., N.W., Drawer 1734, Atlanta, Ga. (Jan. '42)

**Traverse City Iron Works,** H. O. Joynt, Pres., Traverse City, Mich. (Assoc. M. July '38)

**Travis, A. Raymond, Jr.,** 308 Marshall St., Ridgewood, N.J. (Oct. '38)

**Travis, Archibald Joseph,** Water Works Supt., Drumheller, Alta., Can. (Jan. '41)

**Travis, F. M.,** Pres., Torrington Water Co., Box 87, Torrington, Conn. (July '17)

**Trax, E. C.,** Chemist, Filtration Plant, McKeesport, Pa. (June '11) *Fuller Award '39. Director '40–'41.*

**Trelles, Ernesto E.,** Quimico-Bact., Jeffe del Servici, Acueducto de la Habana, Calle 12 No. 515, Entre 5A. y 6A., Marianao, Havana, Cuba (July '38)

**Tremblay, J. A.,** Water Works Engr., 98 Bougainville Ave., Quebec, Que., Can. (May '24)

**Trentlage, LaVerne,** Foreman, Meter Div., Elgin City Water Dept., 353 Cooper Ave., Elgin, Ill. (Apr. '36)

**Trenton Water Works,** John A. Hartmann, Director, City Hall, Trenton, N.J. (Corp. M. May '09)

**Trimble, Earle J.,** *see* Ilion Board of Water Comrs.

**Trimble, Roswell D.,** R. D. Trimble & Co., Cons. & Constr. Engrs., R.F.D. 2, Richmond, Va. (July '37)

**Tripp, Garner C., Jr.,** Assoc. Engr., Whitman, Requardt & Smith, 11 N. Pearl St., Albany, N.Y. (Jan. '41)

**Trout, Clarence L.,** Gen. Foreman, Harrison Elec. & Water Co., 323 Plum St., Cincinnati, Ohio (Jan. '39)

**Trowbridge, Charles E.,** American Water Works & Elec. Co., 50 Broad St., New York, N.Y. (Mar. '29)

**Troy Bureau of Water,** William Luby, Troy, N.Y. (Corp. M. May '24)

**True, Albert O.,** San. Engr., Denim Branch, Proximity Mfg. Co., Greensboro, N.C. (Aug. '22)

**Truesdale, William,** Supt. of Water Works, Victoria Ave., Essex, Ont., Can. (Jan. '37)

**Truman, Chester A.,** Supt., Northfield Land & Water Co., 3011 N. Tejon St., Colorado Springs, Colo. (Dec. '26) *Director '38–'40.*

**Tudor, T. Clifford,** Supt., City Water Purif. Plant, Beaumont, Tex. (Jan. '41)

**Tuggle, H. G.,** Director of Sanitation, Memphis-Shelby County Health Dept., 117 Courthouse, Memphis, Tenn. (Jan. '42)

**Tull, E. R.,** Supt., Munic. Water Plant, Rockingham, N.C. (Jan. '35)

**Tulsa Water Dept.,** Tulsa, Okla. (Corp. M. June '29)

**Tumpeer, Joseph J.,** *see* Pioneer Asphalt Co.

**Turner, A. J.,** *see* Washington Water Power Co.

**Turner, Charles D.,** Dist. Mgr., Wailes Dove-Hermiston Corp., 401 N. Broad St., Philadelphia, Pa. (Apr. '37)

**Turner, Homer G.,** Research Engr., State College, Pa. (Sept. '32)

**Turner, James V.,** Supt., East Providence Water Dept., Rumford, R.I. (July '38)

**Turner, Marvin,** Acting Supt., Water Dept., 206 Municipal Bldg., Austin, Tex. (Oct. '40)

**Turner, W. D.,** Prof. of Chem. Eng., Columbia Univ., New York, N.Y. (May '31)

**Turping, J. P.,** Mgr., Armstrong Water Co., 204 Arch St. Kittanning, Pa. (Affil. July '39)

**Turre, George J.,** San. Engr., Board of Water Comrs., Box 629, Denver, Colo. (Nov. '27)

**Tuscaloosa, City of,** C. S. Read, Supt. of Water Works, Tuscaloosa, Ala. (Corp. M. Jan. '35)

**Tuttle, Arthur L.,** Supt., Danville City Water Works, Box 346, Danville, Ky. (Jan. '41)

**Twining, R. H.,** Mgr., Development Dept., The Gray Chemical Co., Roulette, Pa. (Oct. '38)

**Two Harbors, City of,** Carl F. Barr, Supt. of Utilities, Two Harbors, Minn. (Corp. M. Apr. '39)

**Tygert, Cyril B.,** Dist. Mgr., Wallace & Tiernan Co., Inc., Box 178, Newark, N.J. (Oct. '35)

**Tyldesley, Thomas B.,** Supt., Watertown Water Dept., City Hall, Watertown, N.Y. (Jan. '41)

**Tyler, O. Z.,** Supt., Elec. Production & Water Dept., Utilities Bldg., Jacksonville, Fla. (Jan. '27)

**Tyler, Ralph L.,** Supt., Citizens Water Co., Scottsdale, Pa. (Jan. '37)

**Tyler, Richard G.,** College of Eng., Univ. of Washington, Seattle, Wash. (Feb. '31)

**Uban, Carlos Gonzalez,** Chief Engr. of Public Works, Ificina de Obras Publicas, Valera, Estado, Trujillo, Venezuela (Apr. '40)

**Uhl, William F.,** Jr. San. Engr., State Board of Health, 1098 W. Michigan St., Indianapolis, Ind. (Oct. '41)

**Uline, B. A.,** Secy. & Gen. Mgr., Nappanee Utilities Co., Nappanee, Ind. (Apr. '42)

**Ullrich, A. H.,** Purif. Engr., Water Dept., Fort Smith, Ark. (Oct. '35)

**Ulrich, A. A.,** Mgr., Massillon Div., Ohio Water Service Co., 50 Charles Ave., S.E., Massillon, Ohio (June '31)

**Umbenhauer, Elwood J.,** San. Engr., Water Dept., Central Power & Light Co., Laredo, Tex. (Oct. '35)

**Underwood, Golden,** Supt., Parkersburg Water Dept., City Bldg., Parkersburg, W.Va. (Oct. '38)

**Underwood, J. E.,** Cons. Engr., 102 Grain Bldg., Saskatoon, Sask., Can., (Jan. '37)

**Underwood, Lyle T.,** Supt., Water Dept., Municipal Bldg., Little Valley, N.Y. (Jan. '41)

**U.S. Pipe & Foundry Co.,** Thomas Simons, Southern Sales Mgr., 1711 American-Traders Bank Bldg., Birmingham, Ala. (Assoc. M. Nov. '29)

**U.S. Pipe & Foundry Co.,** H. Lloyd Nelson, Eastern Sales Mgr., 1624 Lincoln-Liberty Bldg., Broad & Chestnut Sts., Philadelphia, Pa. (Assoc. M. June '92)

**Universal Construction Co.,** 1238 W. 34th St., Indianapolis, Ind. (Assoc. M. Apr. '41)

**Updegraff, Winston R.,** *see Western City*

**Upton, L. J.,** Salesman, Badger Meter Mfg. Co., 411—12th St., Santa Monica, Calif. (Oct. '41)

**Utah State Dept. of Health,** Lynn M. Thatcher, Director, Div. of Public Health Eng. & Sanitation, 130 State Capitol, Salt Lake City, Utah (Corp. M. Jan. '42)

**Vagnozzi, I.,** Comr., Water Dept., Youngstown, Ohio (Apr. '40)

**Vail, H. P.,** 1316 Graynold Ave., Glendale, Calif. (Oct. '39)

**Valazquez, Jose Mendez,** *see* Mexico, Banco Nacional Hipotecario Urbano y de Obras Publicas, S.A.

**Valentino, J. G., Jr.,** Salesman, Badger Meter Mfg. Co., Country Club, Columbus, Ga. (Apr. '41)

**Valenzuela, Juan,** Pres., Junta de Aguas y Saneamiento, Chihuahua, Mexico (July '40)

**Vallee, Antonio,** San. Engr., Public Health Service, Apdo. 1442, Havana, Cuba (July '38)

**Vallejo Water Co.,** J. H. Dieckmann Jr., Secy., 110 Sutter St., San Francisco, Calif. (Corp. M. Jan. '41)

**Van Arnum, William I.,** Chem. Engr., Mahoning Valley Sanitary Dist., 402 Glenwood Ave., Youngstown, Ohio (Feb. '22)

**Van Atta, W. A.,** *see* Vancouver, City of

**Van Benschoten, Jay,** Mech. & Water Works Engr., 416 Harbour Commission Bldg., Toronto, Ont., Can. (June '23)

**Van Brunt, J. K.,** Boro Supt., 25 Union Ave., Manasquan, N.J. (July '38)

**Vance, Fred K.,** Supt., Carthage Water & Elec. Plant, 149 E. 3rd St., Carthage, Mo. (Jan. '42)

**Vance, L. S.,** Chief Engr. & Supt., Louisville Water Co., 435—3rd St., Louisville, Ky. (Apr. '38) *Fuller Award '38.* ★

**Vancouver, City of,** W. A. Van Atta, Supt., Water Dept., Vancouver, Wash. (Corp. M. Apr. '40)

**Van Den Berg, C., Jr.,** Watts Bldg., Birmingham, Ala. (Apr. '27)

**Van Deusen, E. J.,** Supt., Village Water Works, 21 Pearl St., Malone, N.Y. (Feb. '25)

**Van Gilder, John M.,** Sales Engr., Wallace & Tiernan Co., Inc., 828 Braniff Bldg., Oklahoma City, Okla. (Oct. '39)

**Van Gilder, L.,** Engr. & Supt., Water Dept., City Hall, Atlantic City, N.J. (July '06) *Fuller Award '40.*

**Van Hoesen, F. H.,** Engr., Hydraulic Dept., California Railroad Com., 1513 Pandora Ave., Los Angeles, Calif. (Jan. '41)

**Van Liew, Wm. M.,** Water Supt., Okanogan, Wash. (Dec. '28)

**Van Loan, Seth M.,** Water Works Improvement Project, City Hall Annex, Philadelphia, Pa. (May '14) *Trustee '28–'30. Director '34–'36.*

**Van Norman, Claude H.,** Sales Repr., Johns-Manville Sales Corp., 1207 Architects Bldg., Los Angeles, Calif. (Oct. '38) ★

**Van Norman, H. A.,** *see* Los Angeles Dept. of Water & Power

**Vannoy, F. R.,** 529 E. Center St., Madisonville, Ky. (Jan. '38)

**Van Praag, Alex,** Jr. Vice-Pres. & Secy., Warren & Van Praag, Inc., 447 Standard Office Bldg., Decatur, Ill. (Jan. '38)

**Van Reenen, W. J.,** Sales Mgr., American Norit Co., Inc., 551 Fifth Ave., New York, N.Y. (Jan. '39)

**Van Trump, S. N.,** Wilmington Suburban Water Co., Bellevue, Del. (July '35)

**Van Wert, Fred, Jr.,** Supt. of Distr., Borough of Chatham, South Blvd., Chatham, N.J. (Jan. '39)

**Van Zandt, W. K.,** Asst. Public Works Officer, U.S. Navy, Navy Yard, Philadelphia, Pa. (Apr. '42) ★

**Vaughan, E. A.,** *see* Lompoc Light & Water Dept.

**Vaughan, J. L.,** Supt., Water Dept., Box 397, Pendleton, Ore. (Jan. '37)

**Vaughn, J. C.,** Supt. of Filtration & Pumping, Dept. of Water Works, 5941 Calumet Ave., Hammond, Ind. (Jan. '36)

**Vause, W. P.,** Asst. to Director of Health & Safety, Duke Power Co., 2405 Charlotte Drive, Charlotte, N.C. (Apr. '41)

**Veader, E. F.,** Dist. Supt., West Virginia Water Service Co., Charleston, W.Va. (Mar. '29)

**Veale, F. J.,** Supt. of Water Works, Hamilton, Ont., Can. (Jan. '31)

**Veatch, N. T., Jr.,** Cons. Engr., 4706 Broadway, Kansas City, Mo. (Dec. '15) *Director '42–'44.*

**Veeder, Harold G.,** Treas., Hampton Water Works Corp., 75 State St., Albany, N.Y. (Apr. '41)

**Veggeberg, J. M.,** Sr. Mech. Designer, Bureau of Eng., Div. of Water Purif., 1006 City Hall, Chicago, Ill. (July '41)

**Velz, C. J.,** Prof. of San. Eng., Manhattan College, Spuyten Duyvil Parkway, New York, N.Y. (Jan. '35)

**Velzy, Charles R.,** 113 Covington Rd., Buffalo, N.Y. (Apr. '37)

**Ventura City Water System,** Chas. F. Zapf, Supt., Box 1010, Ventura, Calif. (Corp. M. Jan. '36)

**Vermeule, Cornelius C.,** Civ. Engr., 38 Park Row, New York, N.Y. (June '09)

**Vernon, City of,** Francis Bates, City Engr., 4305 Santa Fe Ave., Vernon, Calif. (Corp. M. Jan. '37)

**Verona, Pa.,** *see* Suburban Water Co.

**Vest, W. E.,** Supt. of Water Works, Charlotte, N.C. (May '11) *Director '31. Honorary M. '42.*

**Vicentini G., Jorge,** San. Engr., Ministerio de Obras Publicas, Apdo. 304, Caracas, Venezuela (Jan. '39)

**Vicini, H. C.,** Dist. Supt., Southern California Water Co., 1718 Main St., Venice, Calif. (Jan. '40)

**Vickrey, John U.,** Operator, Fort Lauderdale Water Dept., 1118 W. Los Olas Blvd., Fort Lauderdale, Fla. (July '39)

**Victory, T. M.,** Apdo. 1715, Havana, Cuba (Jan. '41)

**Vieno, R. R.,** Supt., Dist. Water Dept., City Hall, Beaumont, Tex. (July '38)

**Villa, Miguel,** Cons. Engr. & Prof., Univ. of Havana, Manzana de Gomez 334, Havana, Cuba (Jan. '42)

**Villa-Acosta, Alfonso,** Civ. Engr., Mier y Pesado 222, Mexico, D.F., Mexico (Apr. '30)

**Villemure, J. Phileas,** Supt. of City Works, Grand'mere, Que., Can. (Apr. '41)

**Vinick, Albert G.,** *see* East Chicago Dept. of Water Works

**Vinson, A. T.,** Pres., Vinson Specialty Paint Co., Burgess Bldg., Jacksonville, Fla. (Apr. '42)

**Voden, Stewart,** Chemist, Great Falls Water Works, 1405—7th Ave., S., Great Falls, Mont. (Jan. '39)

**Voelker, Eugene J.,** Supt., Town of Lake Water Works, 4001 S. 6th St., Milwaukee, Wis. (Jan. '40)

**Vogel, F. C.,** *see* National Automatic Sprinkler Assn.

**Vogt, E. L.,** *see* Vogt Mfg. Co.

**Vogt Mfg. Co.,** E. L. Vogt, Box 1122, Louisville, Ky. (Assoc. M. May '25)

**Vojcsik, Lipot,** Civ. Engr., Boraros Ter 6.IV.1, Budapest IX, Hungary (July '26)

**Voland, J. A.,** *see* Golden-Anderson Valve Specialty Co.

**Volk, Kenneth Q.,** 176 N. Highland Ave. Los Angeles, Calif. (Oct. '26)

**Volpp, A. G.,** Water Supt., West Linn, Ore. (Apr. '39)

**Von Greyerz, Walo,** Major, Royal Swedish Corps of Engrs. Humlegardsgatan, 29, Stockholm, Sweden (July '20)

**Voorhees, George G.,** Water Supt., Brielle, N.J. (Oct. '37)

**Vos, Chas.,** Asst. Supt., Board of Public Works, 97 W. 19th St., Holland, Mich. (July '41)

**Vrooman, Morrell,** Cons. Civ. Engr., Gloversville, N.Y. (June '13)

**Waddell, W. H.,** Supt., Water Dept., City Hall, Owen Sound, Ont., Can., (July '35)

**Waddington, Arthur H.,** Chemist & Bacteriologist, 23 Torver Rd., Harrow, Middlesex, England (June '34)

**Wade, G. R.,** *see* Long Beach Water Dept.

**Wade, Jeptha A.,** California Water Service Co., Box 1150, San Jose, Calif. (May '31)

**Wafer, Joseph M.,** Industrial Chemical Sales Div., 230 Park Ave., New York, N.Y. (Jan. '37)

**Wagenhals, H. H.,** Assoc. San. Engr., State Dept. of Health, 411 Herald Bldg., Syracuse, N.Y. (July '37)

**Wager, C. L.,** Postmaster, Heflin, Ala. (Affil. Jan. '40)

**Wages, R. E.,** Supt. of Water Works, Springdale, Ark (Jan. '36)

**Wagner, A. H.,** Supt., Public Water Works Dist. No. 2, 119 E. Abriendo Ave., Pueblo, Colo. (Mar. '28)

**Wagner, C. F.,** Engr., Oregon Insurance Rating Bureau, Box 70, Portland, Ore. (Nov. '25)

**Wagner, Edward P.,** Civ. & San. Engr., 55 W. 42nd St., New York, N.Y. (Jan. '37)

**Wagner, Edwin B.,** Supt. of Water Works, Downingtown, Pa. (Apr. '21)

**Wagner, Henry F.,** Chief Chemist, Div. of Water, Buffalo, N.Y. (May '14)

**Wagner, Richard E.,** Pres., Zeolite Chemical Co., Church Rd., Medford, N.J. (July '37)

**Wagner, Richard F.,** Director of Public Works, Lynchburg, Va. (Nov. '19)

**Wailes Dove-Hermiston Corp.,** Linden Stuart, Pres., Westfield, N.J. (Assoc. M. Mar. '25)

**Waite, Harry E.,** *see* San Fernando Water Dept.

**Waite, Howard,** Engr., 1408 Cierro Gordo, Los Angeles, Calif. (Apr. '40)

**Wake Forest, Town of,** O. M. McKanghan, Supt. of Public Works, Box 508, Wake Forest, N.C. (Corp. M. Jan. '42)

**Waldeck, Kenneth,** Operator, Potomac Light & Power Co., Sheperdstown, W.Va. (Affil. Jan. '39)

**Walker, Carl C., Sr.,** Cons. Engr., The Jennings-Lawrence Co., 538 Rowlands Bldg., Columbus, Ohio (Jan. '24)

**Walker, Charles L.,** Prof. of San. Eng., Cornell Univ., Ithaca, N.Y. (May '30)

**Walker, Edward L.,** Asst. Hydr. Engr., Public Service Com., 80 Centre St., New York, N.Y. (Jan. '34)

**Walker, Elton D.,** 704 McKee St., State College, Pa. (July '06)

**Walker, Lewie D.,** Water Works Engr., Canadian Underwriters' Assn., Metropolitan Bldg., Toronto, Ont., Can. (Feb. '21)

**Walker, Merton G.,** Water Chemist, Hiram Walker & Sons, Inc., Peoria, Ill. (Jan. '39)

**Walker, Walter E.,** Chief Engr., Water Works, North Rd., Poughkeepsie, N.Y. (Mar '29)

**Wall, Edward E.,** 5361 Pershing Ave., St. Louis, Mo. (June '04) *Trustee '24–'26. Honorary M. '36.*

**Wall, V. M.,** 1930 W. Olympic Blvd., Los Angeles, Calif. (Oct. '29)

**Wallace & Tiernan Co., Inc.,** Box 178, Newark, N.J. (Assoc. M. Apr. '15)

**Wallace, Donald S.,** U.S. Geographical Survey, Box 1365, University Station, Charlottesville, Va. (May '34)

**Wallace, Idaho,** *see* Citizens Utilities Co.

**Wallace, William M.,** Supt. of Filtration, Water Works Park, Detroit, Mich. (Apr. '22)

**Wallis, J. A.,** Supt. of Purif. & Distr., Water Works, Malvern, Ark. (Jan. '42)

**Wallis, L. E.,** Supt., Water & Light Dept., Elberton, Ga. (Feb. '33)

**Walsh, Thomas D.,** Supt., Winsted Water Works, 27 Elm St., Winsted, Conn. (Jan. '42)

**Walters, Grover L.,** Supt. of Water Works, 237 W. Commonwealth, City Hall, Fullerton, Calif. (Oct. '30)

**Walton, Graham,** Instructor in Hydr. & San. Eng., Hydraulic Lab., Univ. of Wisconsin, Madison, Wis. (Jan. '41)

**Walvoord, D. J.,** Big Timber, Mont. (Jan. '36)

**Wang, Sigmund,** Mgr. of Labs., Canadian International Paper Co., Hawkesbury, Ont., Can. (Jan. '39)

**Ward, C. E.,** *see* Silver City Water Dept.

**Ward, Clayton N.,** 1835 Rowley Ave., Madison, Wis. (June '30)

**Ward, Harry W.,** Chief Chemist, 2122 First St., Wyandotte, Mich. (Jan. '38)

**Ward, Joe E.,** Montgomery & Ward, Cons. Civ. Engrs., 545 Harvey-Snider Bldg., Wichita Falls, Tex. (June '26)

**Ward, R. E.,** 302 Hildebrandt Bldg., Jacksonville, Fla. (July '35)

**Warde, John S.,** 7 Whitewood Ave., West Brighton, S.I., N.Y. (May '30)

**Wardel, J. McClure,** *see* Hudson Dept. of Public Works

**Warder, Charles,** Supt. of Water Works, Niagara Falls, Ont., Can. (Jan. '16)

**Ware, Howard T.,** Engr., The Central Foundry Co., Box 502, Union, N.Y. (July '35)

**Waring, F. Holman,** Chief Engr., State Dept. of Health, Columbus, Ohio (Feb. '15)

**Warner, G. B.,** *see* Purity Springs Water Co.

**Warner, J. M.,** 402 S. Humboldt St., Denver, Colo. (July '35)

**Warren, E. K.,** *see* West Lafayette Water Works Co.

**Warren Foundry & Pipe Corp.,** J. H., Morrison, Vice-Pres., 11 Broadway, New York, N.Y. (Assoc. M. Mar. '11)

**Warren, Herbert Clifton,** Secy.-Mgr. Glendora Irrigating Co., 224 N. Michigan Ave., Glendora, Calif. (Mar. '27)

**Warren, J. B.,** Director of Biology, Brockway Testing Labs., Box 43, Du Bois, Pa. (Apr. '30)

**Warren, W. D. P.,** Pres., Warren & Van Praag, Inc., 416 Millikin Bldg., Decatur, Ill. (Jan. '38)

**Warrenton Water Co.,** J. C. Moore, Supt., Water Dept., Warrenton, N.C. (Corp. M. Nov. '28)

**Warrick, Louis F.,** State San. Engr., State Board of Health, Madison, Wis. (Apr. '20) *Fuller Award '40.*

**Wartelle, C. L.,** City Engr., City Eng. Dept., County-City Bldg., Seattle, Wash. (Apr. '39)

**Washington Suburban Sanitary Com.,** Hyattsville, Md. (Corp. M. May '30)

**Washington Water Power Co.,** A. J. Turner, Box 1445, Spokane, Wash. (Corp. M. Nov. '30)

**Water Leak Detector Co.,** 166 N. 3rd St., Columbus, Ohio (Assoc. M. Apr. '37)

**Water Works & Sewerage,** 330 S. Wells St., Chicago, Ill. (Assoc. M. June '29)

**Water Works Engineering,** Editorial Dept., 24 W. 40th St., New York, N.Y. (Assoc. M. June '19)

**Water Works Supply Co.,** Carroll B. Abbott, 501 Howard St., San Francisco, Calif. (Assoc. M. Apr. '28)

**Waterloo Water Works,** Warner J. Lang, Secy. & Gen. Mgr., Waterloo, Iowa (Corp. M. Apr. '41)

**Waterman, Earle Lytton,** Prof. of San. Eng., Univ. of Iowa, 104 Engineering Hall, Iowa City, Iowa (Dec. '22) *Director '39–'41.*

**Waterous, C. A.,** *see* Brantford Public Utilities Com.

**Waterous Co.,** Fred A. Waterous, St. Paul, Minn. (Assoc. M. Apr. '39)

**Waterous, Fred A.,** *see* Waterous Co.

**Waters, Robert J.,** Supt. of Filters, Bureau of Water, 6825 Oakley St., Philadelphia, Pa. (Jan. '41)

**Watford, Troy Ellis,** City Engr. & Supt. of Water Works, Box 661, City Hall, Gadsden, Ala. (Jan. '42)

**Watkins, J. S.,** Cons. Engr., 564–7 McClelland Bldg., Lexington, Ky. (Aug. '33)

**Watkins, Samuel C.,** Supt. & City Engr., Water Dept., Aberdeen, Wash. (Apr. '29)

**Watkins, William W.,** Supt., Water Dept., 130 East St., Oneonta, N.Y. (June '22)

**Watson, David J.,** Supt. of Bldgs. & Grounds, Clemson Agricultural College, Clemson, S.C. (Jan. '39)

**Watson, G. Leland** *see* Lake Forest Water Dept.,

**Watson, H. G.,** City Engr., 801 E. 17th St., Cheyenne, Wyo. (Oct. '38)

**Watson, Hazen E.,** Asst. Mech. Engr., Detroit Water Board, 735 Randolph St., Detroit, Mich. (Affil. July '40)

**Watson, Kenneth S.,** Chem. Engr., Div. of San. Eng., State Water Com., Charleston, W.Va. (Affil. Jan. '39) ★

**Watson, Robt. G.,** Supt., Power Plant & Water Works Dept., Edmonton, Alta., Can. (Apr. '39)

**Watson, W. S.,** Supt., Board of Public Works, Water Dept., City Hall, Hannibal, Mo. (Jan. '40)

**Weagraff, Chas. R.,** Water Supt., 41 Main St., Salamanca, N.Y. (July '35)

**Wear, Ario,** *see* Bethlehem, City of

**Weatherford, L. L.,** Supt., Atchison Water Co., Box 374, Atchison, Kan. (May '30)

**Weaver, Allen J.,** Chemist, Southern Analytical Lab., Jacksonville, Fla. (July '35)

**Weaver, E.,** Mgr., Petrolia Public Utilities Com., Petrolia, Ont., Can. (Affil. Jan. '40)

**Weaver, Stuart M.,** Supt., Water Bureau, Montclair, N.J. (Jan. '25)★

**Weaver, W. H.,** City Engr. & Supt. of Water Works, City Hall, Decatur, Ga. (Jan. '38)

**Webb, S. W.,** Dist. Mgr., Consumers Power Co., Cadillac, Mich. (Jan. '21)

**Webb, W. B.,** Field Engr., General Filter Co., Box 439, Denison, Tex. (Jan. '41)

**Webster, Fred D.,** Mgr., Water Meter Sales, Pittsburgh Equitable Meter Co., 582 Market St., San Francisco, Calif. (Oct. '37)

**Weckwerth, H. F.,** Supt., Kaukauna Water Works, Kaukauna, Wis. (June '30)

**Weeber, W. Keith,** Dist. San. Engr., State Dept. of Health, City Hall, East Peoria, Ill. (Affil. Jan. '41)

**Weed, Frederick H.,** 25 W. Irving St., Chevy Chase, Md. (Nov. '25)

**Weeks, Claude H.,** *see* Fresno City Water Dept.

**Weese, Robert A.,** Supt. of Water Works, Dept. of Water & Sewers, Oceanside, Calif. (Oct. '40)

**Weidlein, E. R.,** Mellon Institute of Industrial Research, 4400 Fifth Ave., Pittsburgh, Pa. (June '24)

**Weidner, Hayes,** Supt. of Water & Sewers, 516 N. Leroux St., Flagstaff, Ariz. (July '32)

**Weight, Walter O.,** Dist. Mgr., Hersey Mfg. Co., 450 E. 3rd St., Los Angeles, Calif. (Jan. '42)

**Weir, John J.,** Sales Mgr., The Lansdell Co., 95 Zabriskie St., Hackensack, N.J. (Affil. Jan. '39)

**Weir, Paul,** Supt. of Filtration, 1210 Hemphill Ave., N.W., Atlanta Water Works, Atlanta, Ga. (Dec. '29) *Fuller Award '40. Goodell Prize '41.*

**Weir, T. J.,** 316½ W. 52nd Pl., Los Angeles, Calif. (Jan. '41)

**Weir, W. H.,** 945 Rupley Drive, N.E., Atlanta, Ga. (Dec. '24) *Director '35–'37.* ★

**Weir, W. Victor,** Supt., St. Louis County Water Co., 6600 Delmar Blvd., University City, Mo. (July '24) *Diven Medal '40.*

**Weisemann, Thomas W.,** Supt., Home Water Co., Chesterton, Ind. (Jan. '41)

**Welch, John P.,** Pump Repairman, Bureau of Water Works & Supply, 4120 Degnan Blvd., Los Angeles, Calif. (Jan. '41)

**Welch, W. A.,** Industrial Chemical Sales Div., 748 Public Ledger Bldg., Philadelphia, Pa. (Jan. '36)

**Weldon, Wm. B.,** Asst. Engr., 404 City Hall, Chicago, Ill. (July '38)

**Well Machinery & Supply Co.,** Gordon B. Smith, 1629 Main St., Fort Worth, Tex. (Assoc. M. July '39)

**Welland Board of Water Comrs.,** J. C. Street, Supt., Welland, Ont., Can. (Corp. M. May '20)

**Wells, Bert H.,** *see* Coca-Cola Co.

**Wells, Charles,** *see* Havre Water Dept.

**Wells, Sidney W.,** Chemist, State Board of Health, Jacksonville, Fla. (Apr. '37) ★

**Wells, W. Plummer,** Chemist, Aberdeen Water Dept., 1402 N. Lincoln St., Aberdeen, S.D. (July '39)

**Welsford, H. R.,** San. Engr., State Dept. of Health, 413 First National Bank Bldg., Greensburg, Pa. (Apr. '27) ★

**Wendt, Edward,** Foreman, City Water Dept., Whittier, Calif. (Oct. '41)

**Wenger, F. E.,** Office Engr., Russell & Axon, 4903 Delmar Blvd., St. Louis, Mo. (Jan. '41)

**Wentworth, John P.,** Cons. Engr., Metcalf & Eddy, Cons. Engrs., 1300 Statler Bldg., Boston, Mass. (July '26)

**Werth, C. W.,** Asst. Supt. of Filtration, Board of Water Comrs., 3363 W. Clyde Pl., Denver, Colo. (Jan. '36)

**Wertz, C. F.,** Resident Engr., Dept. of Water & Sewers, Box 4821, Miami, Fla. (Mar. '24)

**West, Francis D.,** Dist. Sales Mgr., The Permutit Co., 102 Rugby Rd., Syracuse, N.Y. (June '30)

**West, George M.,** *see* Sayre Water Co.

**West Lafayette Water Works Co.,** E. K. Warren, Secy., 117 Vine St., West Lafayette, Ind. (Corp. M. Apr. '34)

**West Palm Beach Water Co.,** R. W. Reynolds, Drawer B-25, West Palm Beach, Fla. (Corp. M. Apr. '30) *Fuller Award '41. Director '41–'42.*

**West, Vernon F.,** Consumers Water Co., Box 151 Pearl Street Station, Portland, Me. (June '14)

**West Virginia Public Service Com.,** Earle H. Morris, Chief Engr., State House, Charleston, W.Va. (Corp. M. Apr. '39)

**West Virginia Pulp & Paper Co.,** *see* Industrial Chemical Sales Div.

**Western City,** Winston R. Updegraff, 458 S. Spring St., Los Angeles, Calif. (Assoc. M. Sept. '29)

**Western Pipe & Steel Co. of California,** R. D. Plageman, Vice-Pres., 200 Bush St., San Francisco, Calif. (Assoc. M. Aug. '24)

**Weston, Arthur D.,** Chief Engr., Massachusetts Dept. of Public Health, 511A State House, Boston, Mass. (July '31)

**Weston, Robert Spurr,** Cons. San. Engr., 14 Beacon St., Boston, Mass. (June '98) *Honorary M. '30. Director '36–'38.*

**Weston, Roy F.,** 3144 Passyunk Ave., Philadelphia, Pa. (July '37)

**Whalen, Joseph F.,** *see* Joliet, City of

**Wheeler, Robert C.,** Barker & Wheeler, 36 State St., Albany, N.Y. (Oct. '14)

**Whelchel, H. E.,** Supt., Water Works, College Park, Ga. (Nov. '30)

**Whipple, Melville C.,** Assoc. Prof. of San. Chem., Harvard Univ., 222 Pierce Hall, Cambridge, Mass. (May '22)

**Whitaker, M. B.,** *see* Knoxville Elec. Power & Water Board

**Whitaker, Otto C.,** Salesman, Dayton & Waldrip Co., 138 S. Hobart Blvd., Los Angeles, Calif. (Oct. '29)

**Whitby Public Utility Com.,** H. L. Pringle, Supt., Munic. Water Works Dept., Whitby, Ont., Can. (Corp. M. Feb. '24)

**Whitcomb, Leon R.,** San. Engr., 408 West Ave., Jenkintown, Pa. (Apr. '37)

**White, Charles W.,** Asst. San. Engr., State Dept. of Public Health, 519 Dexter Ave., Montgomery, Ala. (Jan. '41)

**White, Everett G.,** Supt., Knox Light & Water Co., Knox, Ind. (Apr. '42)

**White, Fred H.,** Supt., Fall Brook Utility Dist., Fall Brook, Calif. (Oct. '41)

**White, George W.,** The Harwood Beebe Co., 208 Montgomery Bldg., Spartanburg, S.C. (Dec. '24)

**White, Guy H.,** Supt. of Water Plant, 2217 Gadsden St., Columbia, S.C. (Nov. '25) *Fuller Award '38. Director '41–'43.*

**White, Herbert L.,** San. Engr., Univ. of Illinois, 256 Administration Bldg., W., Urbana, Ill. (Jan. '32)

**White, Homer C.,** Dept. of Water & Power, Box 3669 Terminal Annex, Los Angeles, Calif. (Oct. '37)

**White, Horace,** Supt. of Water Works, Williamsburg, Ohio (Oct. '40)

**White, L. R.,** Supt., Water Dept., Mount Vernon, Wash. (Apr. '40)

**White Plains Dept. of Public Works,** William I. Collyer, Water Supt., White Plains, N.Y. (Corp. M. July '16)

**White, W.,** Dist. Mgr., Southern California Water Co., 269 W. 2nd St., Claremont, Calif. (Jan. '41)

**White, W. M.,** *see* Allis-Chalmers Mfg. Co.

**White, Wm. Wallace,** San. Engr., Nevada Public Health Service, 1 Fordonia Bldg., Reno, Nev. (July '37)

**Whitley, F. H.,** Instructor in San. Eng., New York Univ., University Heights, N.Y. (Jan. '39) ★

**Whitlock, C. B.,** Mgr., West Virginia Water Service Co., Madison W.Va. (July '35)

**Whitlock, Ernest W.,** Engr. with Malcolm Pirnie, 25 W. 43rd St., New York, N.Y. (May '30)

**Whitman, Ezra B.,** Whitman, Requardt &

Smith, Engrs., 1304 St. Paul St., Baltimore, Md. (Apr. '10)

**Whittaker, H. A.,** Director, Div. of Sanitation, State Board of Health, Minneapolis, Minn. (June '13)

**Whittier, City of,** M. R. Bowen, City Water Supt., City Hall, Whittier, Calif. (Corp. M. Dec. '26)

**Wichita, City of,** Milford E. Rogers, Production Supt., Munic. Water Supply Plant, City Hall, Wichita, Kan. (Corp. M. Jan. '40)

**Wickham, R. B.,** Supt. of Power, Langdale, Ala. (July '38)

**Wickwire, J. William,** *see* Edson Corp.

**Widener, Will O.,** Dist. Engr., National Aluminate Corp., St. Simon Island, Ga. (July '40)

**Wiedeman, H. F.,** Wiedeman & Singleton, Box 1878, Atlanta, Ga. (Mar. '25) *Director '32-34.*

**Wieghardt, George F.,** Hydr. Engr., 1337 Dickerson Rd., West Englewood, N.J. (Mar. '24)

**Wiel, Kurt,** City Engr., Miles City, Mont. (Feb. '34)

**Wieters, A. H.,** Chief Engr., Div. of San. Eng. & Housing, State Dept. of Health, Des Moines, Iowa (Nov. '21)

**Wiggin, Thos. H.,** Cons. Engr., 90 Broad St., New York, N.Y. (May '22) *Goodell Prize* '40.

**Wight, Cecil Douglas,** Asst. Water Works Engr., Transportation Bldg., Ottawa, Ont., Can. (Jan. '38)

**Wightman, F. C.,** Town Mgr., Kentville, N.S., Can. (July '38) ★

**Wilberding, M. X.,** Vice-Pres. & Engr.-in-Charge, Mountain State Water Co. of West Virginia, 1822 Eye St., N.W., Washington, D.C. (June '30)

**Wilbur, C. C.,** 10004 Colesville Pike, Silver Springs, Md. (Feb. '24)

**Wilcox, William F.,** Mech. Engr., Box 698, Atlanta, Ga. (Sept. '93)

**Wiley, Frank E.,** *see* Lawrence City Water Dept.

**Wiley, Ralph B.,** Head, School of Civ. Eng., Purdue Univ., La Fayette, Ind. (Apr. '34)

**Wiley, Richard E.,** *see* Hillsboro Utilities Com.

**Wilkes, E. Dean,** Mgr., Control & Metering, 454 King St., W., Toronto, Ont., Can. (July '41)

**Wilkes, J. Fred,** Chem. Engr., Dearborn Chemical Co., 55 Lafayette Drive, N.E., Atlanta, Ga. (Oct. '37) ★

**Wilkins, George F.,** Technical Service Div., General Chemical Co., Box 98, El Segundo, Calif. (Jan. '40)

**Willard, Ernest C.,** Cons. Engr., 714 Public Service Bldg., Portland, Ore. (Oct. '14)

**Willett, Leo,** Field Agent, Los Angeles Dept. of Water & Power, Independence, Calif. (Apr. '41)

**Willetts, J. V.,** Supt., City Water Works, 1604 Main St., Elwood, Ind. (Jan. '42)

**Williams, C. B.,** Supt., Water & Light Dept., Lexington, N.C. (Jan. '36)

**Williams, Chapple C.,** Chlorine Operator, 13109 Riverside Drive, Van Nuys, Calif. (Apr. '36)

**Williams, Charles H.,** City Engr. & Water Supt., 826 Percival St., Olympia, Wash. (July '34)

**Williams Charles P.,** 268 Civic Center, San Diego, Calif. (Nov. '32)

**Williams, Clyde E.,** Engr., 2180 Hollywood Pl., South Bend, Ind. (July '37)

**Williams, D. McGregor,** *see* Durham Water Dept.

**Williams, Fred F.,** Supt., Board of Public Works, 119 S. Main St., Poplar Bluff, Mo. (Jan. '40)

**Williams, George,** Supt.-Treas., Honesdale Consolidated Water Co., Box 307, Honesdale, Pa. (July '36)

**Williams, H. L.,** Pentwater, Mich. (Aug. '94)

**Williams, L. O., Jr.,** State San. Engr., State Dept. of Public Health, Cheyenne, Wyo. (Jan. '36)

**Williams, Leon G.,** 2140 Central Grove Ave., Toledo, Ohio (July '38)

**Williams, R. O.,** Plant Supt., Lake Clinton, Foss, Okla. (Oct. '39)

**Williams, Stanley N.,** Civ. Engr., 117 Grace St., Roselle, N.J. (July '36)

**Williamson, A. E.,** Assoc. San. Engr., State Board of Health, Jacksonville, Fla. (Oct. '41) ★

**Williamson, Cliff T.,** *see* Macon Board of Water Comrs.

**Williamson, Edward,** Supt., Downey County Water Dist., Downey, Calif. (Oct. '39)

**Williamson, Joe, Jr.,** Vice-Pres., Russell & Axon, Cons. Engrs., 356 S. Beach St., Daytona Beach, Fla. (July '40)

**Williamson, L. A.,** Div. Mgr., California Water & Telephone Co., Box I, National City, Calif. (July '38)

**Williamson, R. C.,** Canadian Industries, Ltd., Box 10, Montreal, Que., Can. (July '37)

**Williamson, Robert W.,** Mgr. & Treas., Columbia Water System, 212 W. 7th St., Columbia, Tenn. (Oct. '41)

**Willis, Frank T.,** C.C.M.O. Co., Water Plant, Box 68, McKittrick, Calif. (Sept. '29)

**Willis, R. B.,** Bottlers' Service Dept., The Coca-Cola Co., 310 North Ave., N.W., Drawer 1734, Atlanta, Ga. (Jan. '42)

**Willis, Willet R.,** Chemist & Bacteriologist, 1343 N. Nevada Ave., Colorado Springs, Colo. (July '38)

**Wills, W. Compton,** Mgr. & Chief Engr., Water Dept., 16th & Market Sts., Wilmington, Del. (July '26)

**Willson, Richard C.,** Chemist, Water Dept., 1132 Hamilton Blvd., Hagerstown, Md. (Oct. '41)

**Wilmarth, Albert,** Chem. Engr., Mandan Water Dept., 203—8th Ave., Mandan, N.D. (Oct. '40)

**Wilsey, E. P.,** *see* Hillsborough Water Dept.

**Wilson, A.,** Engr., Pumps & Softeners, Ltd., London, Ont., Can. (July '41)

**Wilson, Albert E., Jr.,** Supt. of Filtration, 601 Pitt St., Fredericksburg, Va. (Jan. '41)

**Wilson, C. F.,** *see* Corning Water Dept.

**Wilson, Carl,** 405 S. Hill St., Los Angeles, Calif. (June '28)

**Wilson, E. J. F.,** Wiley & Wilson, Cons. Engrs., 908 Peoples National Bank Bldg., Lynchburg, Va. (Apr. '36)

**Wilson, Edgar Kennard,** Chief Engr., The Pitometer Co., 50 Church St., New York, N.Y. (Mar. '26)

**Wilson, Guy L.,** Local Supt., Washington Water Power Co., Lewiston, Idaho (July '34)

**Wilson, I. E.,** Water Comr., City Hall, Faribault, Minn. (Sept. '22)

**Wilson, Jack H.,** Asst. Engr., Little Rock Munic. Water Works, Little Rock, Ark. (Jan. '42)

**Wilson, Murray A.,** Cons. Engr., Wilson & Co., Box 518, Salina, Kan. (July '39)

**Wilson, Norman E.,** Mgr., Amherstburg Public Utilities Com., Amherstburg, Ont., Can. (July '41)

**Wilson, Percy S.,** 325 Washington St., Glen Ridge, N.J. (July '26)

**Wilson, Thomas M.,** Sanitarian, County Health Dept., Goldendale, Wash. (Affil. Jan. '40)

**Winder, J. B.,** Chief Engr., Dallas City Water Works, 112 City Hall, Dallas, Tex. (Oct. '35) *Director '37–'39.*

**Winder, N. G.,** Dallas County Health Dept., 2801 Kings Rd., Dallas, Tex. (Oct. '39)

**Windfelder, Walter,** Chief, Div. of Water Assessments & Collection, Water Works, City Hall, Milwaukee, Wis. (Jan. '42)

**Windsor Utilities Com.,** Gordon B. Ellis, Chairman, 342 Rankin Blvd., Windsor, Ont., Can. (Corp. M. Apr. '31)

**Wineke, H. A.,** *see* National Lead Co.

**Winfree, W. W.,** *see* Glamorgan Pipe & Foundry Co.

**Winona Board of Munic. Works,** H. C. Ahrens, Secy., Winona, Minn. (Corp. M. Dec. '22)

**Winslow, C. E. A.,** Yale Medical School, New Haven, Conn. (Jan. '15)

**Winslow, Edward L., Jr.,** 3802 Callaway Ave., Forest Park, Baltimore, Md. (Apr. '30)

**Winslow, F. L.,** Secy. & Treas., Plainfield-Union Water Co., Plainfield, N.J. (July '35)

**Winterton, L. C.,** Cons. Engr., Pascagoula, Miss. (Apr. '38)

**Wintgens, P. J.,** Supt., Ford City Water Dept., Ford City, Pa. (July '35)

**Wintz, Edward R.,** Supt., Macco Construction Co., 815 Paramount Blvd., Clearwater, Calif. (Oct. '40)

**Wirth, Harvey E.,** Asst. San. Engr., Bureau of San. Eng., State Board of Health, State Office Bldg., Madison, Wis. (Jan. '41)

**Wirtz, George L.,** Pres., Atlas Mineral Products Co. of Pa., Mertztown, Pa. (Oct. '38)

**Wise, William H.,** Topographical Draftsman, Dept. of Water & Power, Box 3669 Terminal Annex, Los Angeles, Calif. (Apr. '38)

**Wise, William R.,** 2003 Johnstone St., Newberry, S.C. (Jr. M. Apr. '38) ★

**Witherington, Albert A.,** Filtration Plant Operator, St. Catherine Water Works Com., R.R.1, Fonthill, Ont., Can. (Apr. '40)

**Wolbert, H. E.**, Supt., Board of Water Supply, Mount Vernon, N.Y. (May '16)

**Wolcott, Herbert**, Water Engr., Wolcottwood, R.F.D. 6, Columbia, Mo. (Jan. '39)

**Wolfe, Edward E.**, Chemist, Water Dept., Hannibal, Mo. (Apr. '22)

**Wolfe, James O.**, Supt., Water Dept., Concordia, Kan. (Jan. '40)

**Wolfe, Thomas F.**, Research Engr., Cast Iron Pipe Research Assn., 1015 Peoples Gas Bldg., Chicago, Ill. (Mar. '22)

**Wolff, William R.**, Assoc. Valuation Engr., Public Service Com., 80 Centre St., New York, N.Y. (Mar. '30)

**Wolman, Abel**, Prof. of San. Eng., Johns Hopkins Univ., Baltimore, Md. (Mar. '18) *Editor '22–'37. Diven Medal '37. Director '40–'42. Vice-Pres. '42.*

**Woltman, J. J.**, Civ. Engr., 225 Unity Bldg., Bloomington, Ill. (May '23)

**Womack, J. W., Jr.**, Supt., Water Dept., McMinnville, Tenn. (Apr. '40)

**Wood, A. Baldwin**, Gen. Supt., Sewerage & Water Board, 526 Carondelet St., New Orleans, La. (Jan. '39)

**Wood, Geo. L.**, Supt., Water Dept., Bishop, Calif. (Oct. '41)

**Wood, James**, Eng. Inspector of Water Works, 215 Walnut St., Peekskill, N.Y. (Apr. '37)

**Wood, Leonard P.**, Asst. Engr., Board of Water Supply, Gas & Electricity, 346 Broadway, New York, N.Y. (Mar. '24) *Diven Medal '34.*

**Wood, R. D., Co.**, Charles H. Becker, 400 Chestnut St., Philadelphia, Pa. (Assoc. M. Apr., '84)

**Wood, Theodore V.**, R. D. Wood Co., 400 Chestnut St., Philadelphia, Pa. (Apr. '30)

**Woodburn, James G.**, Prof. of Hydr. Eng., Univ. of Wisconsin, 211 N. Prospect Ave., Madison, Wis. (Oct. '41)

**Woods, C. W.**, *see* Refinite Corp.

**Woods, George R.**, *see* Stokvis, R. S., & Sons, Inc.

**Woodson, John T.**, Assoc. Southern Sales Mgr., National Cast Iron Pipe Co., Box 2542, Birmingham, Ala. (Jan. '39)

**Woodward, Teynham**, Director, Newark Research Dept., Westvaco Chlorine Products Corp., Box 8-A, Newark, Calif. (Apr. '41)

**Woolidge, Harold V.**, Production Mgr., Wallace & Tiernan, Ltd., 109 Evelyn Ave., Toronto, Ont., Can. (Jan. '42)

**Wooten, Frank, Jr.**, Cons. Engr., 104 Latta Arcade, Charlotte, N.C. (Jan. '40)

**Wormser, F. E.**, *see* Lead Industries Assn.

**Worthington Pump & Machinery Corp.**, Thomas Cruthers, Vice-Pres., Harrison, N.J. (Assoc. M. June '01)

**Worthington-Gamon Meter Co.**, R. R. Anderson, Gen. Mgr., Harrison, N.J. (Assoc. M. May '20)

**Wrench, Joseph**, Sales Mgr., Industrial Chemical Sales Div., 230 Park Ave., New York, N.Y. (Jan. '37)

**Wright, C. W.**, Pres., Badger Meter Mfg. Co., 2357–71 N. 30th St., Milwaukee, Wis. (Mar. '27)

**Wright, Clarence W.**, Asst. Civ. Engr., Dept. of Water Supply, 15492 Woodingham Drive, Detroit, Mich. (Affil. July '39)

**Wright, James**, Supt., Dundas Water Works, Dundas, Ont., Can. (Apr. '24)

**Wright, Le Roy H.**, Supt. of Water Works, City Hall, Newark, N.Y. (Apr. '27)

**Wyant, Carl**, Resident Engr., Montecito County Water Dist., 583 San Ysidro Rd., Santa Barbara, Calif. (Mar. '24)

**Wyckoff, Charles R.**, 790 Riverside Drive, New York N.Y. (Apr. '18)

**Wyckoff, H. A.**, Prof. of Bacteriology, Georgia School of Technology, Atlanta, Ga. (Apr. '38)

**Wyckoff, Wayne W.**, Asst. Civ. Engr., Dept. of Water & Power, Box 3669 Terminal Annex, Los Angeles, Calif. (Oct. '34)

**Wylds, H. G.**, Supt. of Filtration, Augusta Water Works, 2771 Central Ave., Augusta, Ga. (Affil. Jan. '40)

**Wyman, George S.**, Salesman, Hays Mfg. Co., 147 Overlook St., Mt. Vernon, N.Y. (Oct. '41)

**Yates, Herman A., Jr.**, Jr. San. Engr., Dept. of Public Works, Div. of Water Purif., 6841 Oglesby Ave., Chicago, Ill. (July '41)

**Yaxley, R. Gordon**, Supt. to Water Comrs., Waterford, N.Y. (Oct. '25) *Fuller Award '41.*

**Yegen, William**, Supt. of Filtration Plant, 422—9th St., Bismarck, N.D. (June '27)

**York, Township of,** O. M. Falls, Comr. of Works, 40 Jarvis St., Toronto, Ont., Can. (Corp. M. July '32)

**Young, C. H.,** Dist. Engr., Pennsylvania Dept. of Health, Trust Bldg., Meadville, Pa. (June '29)

**Young, C. O.,** Supt., Water Treatment Plant, Cramerton Mills, Inc., Cramerton, N.C. (Oct. '41)

**Young, George Richmond,** Village Mgr., Village Hall, Glencoe, Ill. (July '28)

**Young, Joseph E.,** *see* Fergus Falls Water Dept.

**Young, Oliver H.,** Supt., Kent City Water Works, 543 Fairchild Ave., Kent, Ohio (Jan. '39)

**Young, S. R.,** Supt., City Water Dept., Hardin, Mont. (Jan. '40)

**Young, T. L.,** Mgr., South Side Water Works Co., Chester, W.Va. (June '21)

**Young, W. H.,** Supt. of Water Works, Ormond, Fla. (July '40)

**Youngstown Sheet & Tube Co.,** Pipe Sales Div., Stambaugh Bldg., Youngstown, Ohio (Assoc. M. Jan. '37)

**Yow, W. E.,** Supt., Water Dept., Asheboro, N.C. (Dec. '33)

**Zapata, F. A.,** Repr., U.S. Pipe & Foundry Co., Apdo. 99, Mexico, D.F., Mexico (July '38)

**Zapf, Chas. F.,** *see* Ventura City Water System

**Zapffe, Carl,** Box 93, Brainerd, Minn. (July '35)

**Zele, Alexander S.,** Chemist, Long Island State Park Com., Belmont Lake State Park, Babylon, N.Y. (Oct. '40)

**Zelley, John W.,** Asst. San. Engr., State Dept. of Health, Columbus Rd., Burlington, N.J. (Affil. Jan. '39)

**Zentner, E. T.,** 2611 Woodmont Ave., Austin, Tex. (Apr. '40)

**Zieber, Warren,** American Tank Service Co., Ellinwood, Kan. (Apr. '40)

**Zollner, F. D.,** Dist. San. Engr., State Health Dept., 35 State St., Batavia, N.Y. (Affil. Jan. '40)

**Zorn, Ray H.** Salesman, Power Equipment Co., Oak Harbor, Ohio (Jan. '41)

**Zufelt, Jerome C.,** Supt., City Water Dept., 418 St. Clair Ave., Sheboygan, Wis. (Oct. '31)

**Zumwalt, J. J.,** Supt., Water & Light Dept., 317 S. 11th St., Frederick, Okla. (Oct. '39)

# CORPORATE MEMBERS

*See Consolidated List of Members for addresses and other data*

Adirondack W.W. (Lowville, N.Y.)
Albert Lea, Minn., W. Dept.
Allendale, N.J., Boro W. Dept.
Allentown, Pa., Bur. of W.
Ambridge, Pa., W. Dept.
American Enka Corp.
American Tobacco Co.
American W.W. & Elec. Co., Inc.
Ames, Iowa, W. Dept.
Anaconda Copper Mining Co.
Anderson, Ind., City of
Anheuser-Busch, Inc.
Ann Arbor, Mich., W. Dept.
Argentina, Obras Sanitarias de la Nacion
Ashland, Ore., W. Dept.
Auburn, N.Y., W. Dept.
Aurora, Minn., W. & Lt. Com.
Austin, Minn., Bd. of W., Elec., Gas & Power Comrs.

Baker, Ore., Dept. of W., Fire & San.
Ballston Spa, N.Y., W. Dept.
Barrie, Ont., Pub. Utils. Com.
Batavia, N.Y., City of
Bayonne, N.J., W. Dept.
Beaver Dam, Wis., Munic. W. Dept.
Belleville, Ont., Pub. Utils. Com.
Bellingham, Wash., W. Dept.
Bethlehem, Pa., City of
Beverly Hills, Calif., W. Dept.
Binghamton, N.Y., Bur. of W.
Birmingham W. Co. (Derby, Conn.)
Bloomfield, N.J., Town of
Boone, Iowa, W. Dept.
Boulder, Colo., W. Dept.
Bowling Green, Ohio, City W. Co.
Bozeman, Mont., City of
Brampton, Ont., W. Com.
Brantford, Ont., Pub. Utils. Com.
Bristol, Tenn., City of
Bristol, Va., City of
Buffalo, N.Y., Div. of W.
Buffalo Niagara Elec. Corp.
Burbank, Calif., Pub. Serv. Dept.

California Oregon Power Co.
Canastota, N.Y., W. Dept.
Canon City, Colo., W. Dept.
Canton, Miss., Munic. Utils.
Carolina Aluminum Co.
Casper, Wyo., City of
Cedar Rapids, Iowa, City W.W.
Central Power & Lt. Co. (Corpus Christi, Tex.)
Centralia, Ill., City W. Dept.
Charleston, S.C., Comrs. of Pub. Works
Chateaugay, N.Y., W.W. Co.
Chatham, Ont., Bd. of W. Comrs.
Citizens Utils. Co. (Wallace, Idaho)
Coca-Cola Co., The
Community W. Serv. Co. (New York, N.Y.)
Corning, N.Y., W. Dept.
Corpus Christi, Tex., City of
Cuba, Cia de Acueducto de, S.A.
Cullman, Ala., City Lt. & W. Plant

Dalton, Mass., Fire Dist.
Day & Zimmerman, Inc.
Delavan, Wis., W. Com.
Delphi, Ind., W.W.
Deming, N.M., W. Dept.
Denver, Colo., City & County of
Deseronto, Ont., Pub. Utils. Com.
Des Moines, Iowa, W.W.
District of Columbia W. Dept.
Dover, N.J., W. Comrs.
Dresden, Ont., Town of
Du Bois, Pa., Bur. of W.
Dunkirk, N.Y., Bd. of W. Comrs.
Dunnville, Ont., Pub. Utils. Com.
Durham, N.C., W. Dept.

East Aurora, N.Y., Village of
East Bay Munic. Util. Dist.
East Chicago, Ind., Dept. of W.W.
East Coast W. Co. (Richmond, Va.)
East Helena, Mont., City of
East Moline, Ill., W.W. Dept.
East Orange, N.J., Bd. of W. Comrs.
East York, Ont., Township of
Ebasco Services, Inc.
Ecusta Paper Corp.
Edmonton, Alta., City of
El Paso, Tex., W. Dept.
Elkhorn, Wis., Lt. & W. Com.
Ellensburg, Wash., W. Dept.
Elmira, N.Y., W. Bd.
Emporium, Pa., W. Co.
Endicott, N.Y., W.W. Co.
Etobicoke, Ont., Township of
Eugene, Ore., W. Bd.
Evansville, Ind., W.W. Dept.
Everett, Wash., W. Dept.

Federal Advisers, Inc.
Fergus Falls, Minn., W. Dept.
Fire Underwriters Inspection Bur.
Fishers Island Farms, Inc.
Flint, Mich., W. Dept.
Fond du Lac, Wis., City W. Dept.
Forest Hill W.W. System (Toronto)
Fort Collins, Colo., City of
Franklin Square, N.Y., W. Com.
Fresno, Calif., City W. Dept.

Galesburg, Ill., W. Dept.
Gananoque, Ont., W.W. Com.
Garden City, N.Y., Inc. Village of
General Utils. Co., Ltd.
Glen Ridge, N.J., W. Dept.
Glendale, Calif., Pub. Serv. Dept.
Glens Falls, N.Y., Bd. of W. Comrs.
Göteborgs (Sweden) Vattenledningsverk
Grand Rapids, Mich., W. Dept.
Great Falls, Mont., City of
Greeley, Colo., City of
Green Bay, Wis., W. Dept.
Griffin, Ga., Lt., W. & Sew. Dept.
Guatemala City, Cia del Agua del Mariscal, S.A.
Guelph, Ont., City of
Gulf States Utils. Co.

Haddonfield, N.J., Borough W. Dept.
Hälsingborg (Sweden) City W. Dept.
Harlan, Ky., Munic. W.W.
Hastings, Neb., Bd. of Pub. Works
Havre, Mont., W. Dept.
Hawaiian Pineapple Co., Ltd.
Hawthorne, Calif., Munic. W.W.
Healdsburg, Calif., City of
Helena, Mont., W. Dept.
Hempstead, N.Y., Inc. Village of
Henderson, N.C., W.W.
Hibbing, Minn., W., Lt., Power & Bldg. Com.
Hickory, N.C., City of
Hicksville, N.Y., W. Dist.
Hillsboro, Ore., Utils. Com.
Hillsborough W. Dept. (Burlingame, Calif.)
Hillside Distr. Co. (Whittier, Calif.)
Holland, N.Y., W. Dist. No. 1
Hollister, Calif., W. Co.
Honolulu (T.H.) Bd. of W. Supply
Hot Springs, Ark., W. Co.
Houston, Tex., W. Dept.
Hudson, N.Y., Dept. of Pub. Works

Idaho Surveying & Rating Bur.
Idaho, Univ. of
Ilion, N.Y., Bd. of W. Comrs.
Illinois Inspection Bur.
Indiana Dept. of Conservation
Indiana Pub. Serv. Co.
Indiana State Bd. of Health
Inglewood, Calif., W. Dept.

Jamestown, N.Y., Bd. of Pub. Utils.
Jasper, Ind., Munic. Elec. & W. Dept.
Jerome, Idaho, W. Co.
Johnson City, N.Y., W. Dept.
Joliet, Ill., City of

Kansas City, Mo., W. Dept.
Kenosha, Wis., W. Dept.
Kentucky State Bd. of Health
Kentucky Utils. Co.
Kingston, Ont., Utils. Com.
Kitchener, Ont., W. Com.
Knoxville, Tenn., Elec. Power & W. Bd.

La Fayette, Ind., W.W.
Laguna Beach County (Calif.) W. Dist.
Lake Forest, Ill., W. Dept.
Lake, Town of, W. Util. Bd. (Milwaukee, Wis.)
La Mesa, Lemon Grove & Spring Valley Irrigation Dist.
Lansing, Mich., Bd. of W. & Elec. Lt. Comrs.
La Porte, Ind., W.W.
Lawrence, Kan., City W. Dept.
Libbey-Owens-Ford Glass Co.
Lincoln, Neb., City W. & Lt. Dept.
Little Rock, Ark., Munic. W.W.
Livingston, N.J., W. Dept.
Lompoc, Calif., Lt. & W. Dept.
London, Ont., Pub. Utils. Com.
Long Beach, Calif., W. Dept.
Los Angeles Dept. of W. & Power
Louisville, Ky., W. Co.
Loveland, Colo., City of

Macon, Ga., Bd. of W. Comrs.
Madison Suburban Util. Dist. of Davidson County, Tenn.
Malmö (Sweden) Stads Vatten- och Avloppsverk
Manhasset-Lakeville, N.Y., W. Dist.
Manila, P.I., Metropolitan W. Dist.
Marysville, Mich., W. Dept.
Mason City, Iowa, W. Dept.
Massena, N.Y., Village of
McMinnville, Ore., W. & Lt. Dept.
Medford, Ore., W. Com.
Melbourne & Metropolitan Bd. of Works (Australia)
Memphis, Tenn., Lt., Gas & W. Div.
Merritton, Ont., Pub. Utils. Com.
Mexico, Banco Nacional Hipotecario Urbano y de Obras Publicas, S.A.
Miami, Fla., Dept. of W. & Sew.
Middletown, Conn., W. Dept.
Midland, Mich., W. Dept.
Midland, Ont., Pub. Utils. Com.
Milford, Mass., W. Co.
Millville, N.J., W. Co.
Mimico Pub. Utils. Com. (Toronto)
Mineola, N.Y., Inc. Village of
Mineral Wells, Tex., City W.W.

Minersville, Pa., Borough Munic. Authority
Minneapolis Com. of W.W.
Mishawaka, Ind., City W. & Elec. Plant
Moline, Ill., W.W.
Mount Airy, N.C., Town of
Mount Holly, N.J., W. Co.
Mount Morris, N.Y., W. Dept.
Multnomah, Ore., Home W. Dist.
Muscatine, Iowa, City W.W.

Nassau County, N.Y., Dept. of Health
National Automatic Sprinkler Assn.
National Lead Co.
Neenah, Wis., City W.W.
Nehi Corp.
New Jersey State W. Policy Com.
New Jersey W. Co. (Haddon Heights)
New Mexico Power Co.
New Mexico Power Co.—Agua Pura Div.
New Toronto, Ont., Pub. Utils. Com.
New Westminster, B.C., City of
Newmarket, Ont., W. & Lt. Com.
Newtown, N.Y., Citizens W. Supply Co.
North Bay, Ont., City of
North Creek, N.Y., W. Dist.
North Jersey Dist. W. Supply Com.
North York, Ont., Township of
Northeastern W. & Elec. Serv. Corp.
Northern Indiana Pub. Serv. Co.
Nova Scotia Bd. of Insurance Underwriters

Ocala, Fla., W. Dept.
Oconomowoc, Wis., W. Dept.
Oil City, Pa., Bur. of W.
Olean, N.Y., W. Dept.
Omaha, Neb., Metropolitan Utils. Dist.
Orillia, Ont., W., Lt. & Power Com.
Orlando, Fla., Pub. Utils. Com.
Oshawa, Ont., Pub. Utils. Com.
Ossining, N.Y., Bd. of W. Comrs.
Oswego, N.Y., Dept. of W.
Owego, N.Y., W.W.
Owosso, Mich., W. Dept.

Paducah, Ky., W.W.
Palm Springs, Calif., W. Co.
Pan American Refining Corp.
Paris, Ont., Pub. Utils. Com.
Parker Lab.
Pasadena, Calif., W. Dept.
Pennichuck W.W. (Nashua, N.H.)
Peterborough, Ont., Utils. Com.
Philadelphia Suburban W. Co.
Pioneer Asphalt Co.
Pittsburg, Calif., Munic. W.W.
Port Hope, Ont., W.W. Com.
Portland, Ore., Bur. of W.W.
Portland Cement Assn.
Poughkeepsie, N.Y., Bd. of Pub. Works
Preston, Ont., Lt. & W. Com. on Pub. Utils.
Providence, R.I., W. Supply Bd.
Pure W. Co., Inc. (Logan, W.Va.)
Purity Springs W. Co. (Tampa, Fla.)

Quebec, Que., Pub. Serv. Bd.
Quincy, Ill., W.W. Com.

Raleigh, N.C., W. Dept.
Ramsey, N.J., W.W.
Reading, Pa., Bur. of W.
Regina, Sask., W.W. Dept.
Remington Arms Co., Inc.
Richfield Springs, N.Y., W. Com.
Riverside, Calif., W. Dept.
Rock Island, Ill., W. Dept.
Rome, N.Y., Bur. of W.
Rouses Point, N.Y., Village of

Sacramento, Calif., Div. of W.
St. Marys, Ont., Pub. Utils. Com.
St. Paul, Minn., Bd. of W. Comrs.
St. Thomas, Ont., Pub. Utils, Com.
Salem, N.J., W. Dept.
Salem, Ore., W. Com.
Salina, Kan., W. Dept.
Salt Lake City, Utah, Corp. W. Dept.
San Antonio, Tex., City W. Bd.
San Bernardino, Calif., Bd. of W. Comrs.
San Diego, Calif., W. Dept.
San Fernando, Calif., W. Dept.
San Francisco W. Dept.
San Jose, Calif., W.W.
Santa Ana Valley Irrigation Co.
Santa Ana, Calif., W. Dept.
Santa Barbara, Calif., City of
Santa Monica, Calif., City of
Sayre, Pa., W. Co.
Scarborough Pub. Utils. Com. (Toronto)
Schenectady, N.Y., City of
Scranton-Spring Brook, Pa., W. Serv. Co.
Seaforth, Ont., Pub. Utils. Com.
Seattle, Wash., W. Dept.
Seneca Falls, N.Y., W. Dept.
Sewickley, Pa., Comrs. of W.W.
Sheboygan, Wis., Bd. of W. Comrs.
Shenango Valley W. Co.
Sherrill-Kenwood, N.Y., W. Com.
Sierra Pacific Power Co.
Silver City, N.M., W. Dept.
Silver Creek, N.Y., W.W.
Simcoe, Ont., Pub. Utils. Com.
Sioux Falls, S.D., W.W.
South Jersey Assn. of W. Supts.
Southern California Gas Co.
Southern California W. Co.
Spokane, Wash., City of
Springfield, Ill., City W., Lt. & Power Dept.
Statesville, N.C., City W. Dept.

Sterling, Colo., City of
Strathroy, Ont., Pub. Utils. Com.
Suburban W. Co. (San Francisco)
Suburban W. Co. (Verona, Pa.)
Syracuse, N.Y., Dept. of Eng.

Tavistock, Ont., Pub. Utils. Com.
Technical Assn. Pulp & Paper Industry
Teck, Ont., Township of
Tennessee Eastman Corp.
Texas Gulf Sulphur Co., Inc.
Texas Technological College Library
Tilbury, Ont., Pub. Utils. Com.
Tillsonburg, Ont., Pub. Utils. Com.
Timmins, Ont., Corp. Town of
Toronto Dept. of Works
Toulon, Ill., W.W.
Trenton, N.J., W.W.
Troy, N.Y., Bur. of W.
Tulsa, Okla., W. Dept.
Tuscaloosa, Ala., City of
Two Harbors, Minn., City of

Utah State Dept. of Health

Vallejo W. Co. (San Francisco)
Vancouver, Wash., City of
Ventura, Calif., City W. System
Vernon, Calif., City of

Wake Forest, N.C., Town of
Warrenton, N.C., W. Co.
Washington, D.C., Suburban San. Com.
Washington W. Power Co.
Waterloo, Iowa, W.W.
Welland, Ont., Bd. of W. Comrs.
West Lafayette, Ind., W.W. Co.
West Palm Beach, Fla., W. Co.
West Virginia Pub. Serv. Com.
Whitby, Ont., Pub. Util. Com.
White Plains, N.Y., Dept. of Pub. Works
Whittier, Calif., City of
Wichita, Kan., City of
Windsor, Ont., Utils. Com.
Winona, Minn., Bd. of Munic. Works

York, Ont., Township of

# ASSOCIATE MEMBERS

*With name of official representative to A.W.W.A. and address*

**Activated Alum Corp.,** Fred E. Stuart, Pennington Ave. at Aspen St., Curtis Bay, Baltimore, Md.

**Allied Chemical & Dye Corp.,** *see* Barrett Div.

**Allis-Chalmers Mfg. Co.,** W. M. White, Mgr. & Chief Engr., Hydr. Dept., Milwaukee, Wis.

**American Brass Co.,** F. G. Smith, 414 Meadow St., Waterbury, Conn.

**American Cast Iron Pipe Co.,** Lester Long, Box 2603, Birmingham, Ala.

**American City, The,** Edgar J. Buttenheim, 470 Fourth Ave., New York, N.Y.

**American Colloid Co.,** Paul Bechtner, Pres., 363 W. Superior St., Chicago, Ill.

**American Concrete Pipe Assn.,** M. W. Loving, 33 W. Grand Ave., Chicago, Ill.

**American Cyanamid & Chemical Corp.,** J. D. Lowery, 30 Rockefeller Plaza, New York, N.Y.

**American Foundry & Mfg. Co.,** 1015 Hebert St., St. Louis, Mo.

**American Iron & Steel Institute,** E. H. Thwaits, Engr., 350 Fifth Ave., New York, N.Y.

**American Pipe & Construction Co.,** Robert V. Edwards, Box 3428 Terminal Annex, Los Angeles, Calif.

**American Rolling Mill Co.,** R. C. Beam, Mgr., Spiral Welded Pipe Dept., Middletown, Ohio

**American Smelting & Refining Co.,** J. E. English, Asst. Mgr., Lead Products Div., 120 Broadway, New York, N.Y.

**American Water Softener Co.,** G. S. Garrett, Treas., Lehigh Ave. & Fourth St., Philadelphia, Pa.

**Art Concrete Works,** Frank M. Brooks, Box 417, Pasadena, Calif.

**Atlas Mineral Products Co. of Pa.,** Geo. L. Wirtz, Pres., Mertztown, Pa.

**Babcock & Wilcox Co., The,** J. B. Romer, Barberton, Ohio

**Bacharach, E. W., & Co.,** E. W. Bacharach, Pres., 800 Rialto Bldg., Kansas City, Mo.

**Badger Meter Mfg. Co.,** 841-7—30th St., Milwaukee, Wis.

**Baker, R. H., Co., Inc.,** R. H. Baker, Pres., 2070 E. Slauson Ave., Huntington Park, Calif.

**Barada & Page, Inc.,** W. M. Betts, Guinotte & Michigan Aves., Kansas City, Mo.

**Barrett Div., The,** Allied Chemical & Dye Corp., George B. McComb, 40 Rector St., New York, N.Y.

**Bethlehem Steel Co.,** H. O. Hill, Asst. Chief Engr., Bethlehem, Pa.

**Bingham & Taylor Corp.,** Joe H. Gardner, 575 Howard St., Buffalo, N.Y.

**Birch Mfg. Co.,** Wm. T. Birch, 1523 Sedgwick St., Chicago, Ill.

**Bird-Archer Co.,** George H. Sill, 2030 N. Natchez Ave., Chicago, Ill.

**Bird-Archer Co., Ltd.,** H. C. Harragin, Vice-Pres., McGill Bldg., Montreal, Que., Can.

**Bourbon Copper & Brass Works Co.,** 618 E. Front St., Cincinnati, Ohio

**Brainard, F. S., & Co.,** Frank S. Brainard Jr., Vice-Pres., 246 Palm St., Hartford, Conn.

**Briggs, W. A., Bitumen Co., Inc.,** W. Ronald Briggs, 3303 Richmond St., Philadelphia, Pa.

**Buffalo Meter Co.,** Chas. K. Bassett, 2917 Main St., Buffalo, N.Y.

**Builders-Providence, Inc.,** Chas. G. Richardson, 9 Codding St., Providence, R.I.

**Burroughs Adding Machine Co.,** A. Knaff, Public Utilities Sales, Second Blvd., Detroit, Mich.

**Byers, A. M., Co.,** M. J. Czarniecki, Vice-Pres., Clark Bldg., Pittsburgh, Pa.

**Byron Jackson Co.,** W. N. Beadle, Vice-Pres., Box 2017 Terminal Annex, Los Angeles, Calif.

**Calgon, Inc.,** Everett P. Partridge, Director of Research, Bowman Bldg., Pittsburgh, Pa.

**California Corrugated Culvert Co.,** Claude T. Faw, Fifth & Parker Sts., West Berkeley, Calif.

**Canadian Engineer Publications, The,** 341 Church St., Toronto 2, Ont., Can.

**Carson-Cadillac Corp.,** H. Y. Carson, Pres., Box 67 Tarrant Branch, Birmingham, Ala.

**Central Foundry Co., The,** R. F. Garcia, 386 Fourth Ave., New York, N.Y.

**Centriline Corp.,** H. Seaver Jones, Pres., 140 Cedar St., New York, N.Y.

**Chain Belt Co.,** W. B. Marshall, Sales Mgr., Conveying & Eng. Products Div., 1600 W. Bruce St., Milwaukee, Wis.

**Chapman Valve Mfg. Co.,** Donald M. Belcher, 203 Hampshire St., Indian Orchard, Mass.

**Chase Brass & Copper Co., Incorporated,** 236 Grand St., Waterbury, Conn.

**Chicago Bridge & Iron Co.,** George T. Horton, Pres., 332 S. Michigan Ave., Chicago, Ill.

**Chicago Pump Co.,** L. P. Blattner, 2336 Wolfram St., Chicago, Ill.

**Clark, H. W., Co.,** Box 563, Mattoon, Ill.

**Clayton Mfg. Co.,** 501 S. Marengo Ave., Alhambra, Calif.

**Cliffs Dow Chemical Co.,** V. G. Holliday, Marquette, Mich.

**Clow, James B., & Sons,** Kent S. Clow, 201 N. Talman Ave., Chicago, Ill.

**Columbia Chemical Div.,** Pittsburgh Plate Glass Co., R. W. Miller, Technical Service Dept., Barberton, Ohio

**Consolidated Chemical Industries, Inc.,** A. P. Jones, Box 1932, Fort Worth, Tex.

**Consolidated Steel Corp., Ltd.,** W. H. McClara, Box 6880 East Los Angeles Branch, Los Angeles, Calif.

**Cook, A. D., Inc.,** C. O'Brien, Pres., Lawrenceburg, Ind.

**Copper & Brass Research Assn.,** Arthur I. Heim, 420 Lexington Ave., New York, N.Y.

**Crane Co.,** A. M. Houser, Engr. of Standardization, 836 S. Michigan Ave., Chicago, Ill.

**Culligan Zeolite Co.,** E. J. Culligan, 1895 Shermer Ave., Northbrook, Ill.

**Cutler-Hammer Inc.,** C. S. Pinkerton, Mgr., Public Works & Utilities Sales, 12th St. & St. Paul Ave., Milwaukee, Wis.

**Cutler-Magner Co.,** Paul LaLiberte, Engr., 1116 Fidelity Bldg., Duluth, Minn.

**Darco Corp.,** L. M. Gill, 60 E. 42nd St., New York, N.Y.

**Darling Valve & Mfg. Co.,** M. L. Hough, Pres., Williamsport, Pa.

**Dayton Foundry, Inc.,** C. J. Bradley, 11803 Industrial Ave., Hollydale, Calif.

**Dearborn Chemical Co.,** C. I. Loudenback, Industrial Dept., 310 S. Michigan Ave., Chicago, Ill.

**De Laval Steam Turbine Co.,** H. V. Petersen, Sales Mgr., Trenton, N.J.

**Diamond Alkali Co.,** J. D. Mattern, Mgr. of Alkali Sales, 2400 Oliver Bldg., Pittsburgh, Pa.

**Dixie Lime Products Co.,** T. F. Sheridan, Ocala, Fla.

**Dixon, Joseph, Crucible Co.,** R. H. Horner, Mgr., Paint Sales Div., Jersey City, N.J.

**Donaldson Iron Co.,** Emaus, Lehigh County, Pa.

**Dorr Co., Inc., The,** 570 Lexington Ave., New York, N.Y.

**Dow Chemical Co.,** *see* Great Western Div.

**Dresser Mfg. Co.,** H. P. Boncher, Sales Mgr., Bradford, Pa.

**Eddy Valve Co.,** John Knickerbacker, Pres., Waterford, N.Y.

**Edson Corp.,** J. William Wickwire, 49-51 D St., South Boston, Mass.

**Electric Chemical Co.,** C. V. Baker, Technical Sales-Munic. Dept., 8011 Franklin Blvd., Cleveland, Ohio

**Electro Rust-Proofing Co.,** E. H. Ingle, 1026 Wayne Ave., Dayton, Ohio

**Engineering News-Record,** E. J. Cleary, 330 W. 42nd St., New York, N.Y.

**Everson Mfg. Co.,** Roy B. Everson, Pres., 214 W. Huron St., Chicago, Ill.

**Farnan Brass Works Co.,** Louis P. Smith, Pres., Box 6147, Cleveland, Ohio

**Federal Pipe & Tank Co.,** Leon H. Spaulding, 6851 E. Marginal Way, Seattle, Wash.

**Fisher Research Lab.,** Gerhard R. Fisher, 1961 University Ave., Box 356, Palo Alto, Calif.

**Flexible Sewer Rod Equipment Co.,** H. R. Crane, 9059 Venice Blvd., Los Angeles, Calif.

**Flox Co., Inc., The,** C. S. Childs, Treas., 1409 Willow St., Minneapolis, Minn.

**Ford Meter Box Co.,** 718 Redman Ave., Haddonfield, N.J.

**Foxboro Co., The,** C. Schwarzler, Mgr., Sales Promotion, Neponset Ave., Foxboro, Mass.

**Fraser Cement Products Co.,** R. J. Fraser, Jr., 3020 Andrita St., Los Angeles, Calif.

**General Chemical Co.,** L. I. Birdsall, 105 W. Madison St., Chicago, Ill.

**Glamorgan Pipe & Foundry Co.,** W. W. Winfree, Lynchburg, Va.

**Golden-Anderson Valve Specialty Co.,** J. A. Voland, Gen. Mgr., 1315 Fulton Bldg., Pittsburgh, Pa.

**Gray Chemical Co., The,** E. W. Herr, Sales Mgr., Roulette, Pa.

**Great Western Div.,** Dow Chemical Co., J. F. Smith, Sales Mgr., 310 Sansome St., San Francisco, Calif.

**Greenberg's, M., Sons,** Stuart N. Greenberg, 765 Folsom St., San Francisco, Calif.

**Griffin Chemical Co.,** Richard G. Shaler, 1000—16th St., San Francisco, Calif.

**Grinnell Co., Inc.,** S. O. Thorne, Branch Mgr., Box 2727, Charlotte, N.C.

**Gurley, W. & L. E.,** H. M. Dibert, 514 Fulton St., Troy, N.Y.

**Hanks, Fred W., Co.,** Fred W. Hanks, Mgr., 10624 St. Clair Ave., Cleveland, Ohio

**Hayman, Michael, & Co., Inc.,** Arthur H. Rosenbaum, 856 E. Ferry St., Buffalo, N.Y.

**Hays Mfg. Co.,** John D. Clemens, Vice-Pres., 12th & Liberty Sts., Erie, Pa.

**Hendrie & Bolthoff Mfg. & Supply Co.,** James S. Smith, 1635 Seventeenth St., Denver, Colo.

**Hersey Mfg. Co.,** South Boston, Mass.

**Hill, Hubbell & Co. Div.,** General Paint Corp., Deming Bronson, Vice-Pres., 3091 Mayfield Rd., Cleveland, Ohio

**Homelite Corp.,** Nelson Thompson, Riverdale Ave., Port Chester, N.Y.

**Hooker Electrochemical Co.,** G. F. Reale, Niagara Falls, N.Y.

**Hydraulic Development Corp.,** West Medford Station, Boston, Mass.

**Hydraulic Supply Mfg. Co.,** Ralph S. Russell, Chief Engr., 7500—8th Ave., S., Seattle, Wash.

**Industrial Chemical Sales Div.,** West Virginia Pulp & Paper Co., 230 Park Ave., New York, N.Y.

**Infilco, Inc.,** P. F. Pew, 325 W. 25th Pl., Chicago, Ill.

**Interstate Lead Distributing Co.,** M. A. Tarshis, Pres., 24-08—40th Ave., Long Island City, N.Y.

**Iowa Valve Co.,** C. S. Howard, Vice-Pres., 812 Hubbell Bldg., Des Moines, Iowa

**Jeffrey Mfg. Co., The,** S. L. Tolman, Columbus, Ohio

**Johns-Manville Sales Corp.,** C. A. McGinnis, 22 E. 40th St., New York, N.Y.

**Johnson, Edward E., Inc.,** W. M. Bollenbach, 2304 Long Ave., St. Paul, Minn.

**Keasbey & Mattison Co.,** A. B. Spaulding, Sales Mgr., Butler Ave., Ambler, Pa.

**Kennedy Valve Mfg. Co.,** M. E. Kennedy, Treas., Elmira, N.Y.

**LaMotte Chemical Products Co.,** Frank L. LaMotte, Pres., Towson, Baltimore, Md.

**Layne & Bowler, Inc.,** J. G. Gordon Jr., Pres., Memphis, Tenn.

**Layne-Atlantic Co.,** R. R. Schweitzer, Chief Engr., 633 New Monroe Bldg., Norfolk, Va.

**Lead Industries Assn.,** F. E. Wormser, Secy., 420 Lexington Ave., New York, N.Y.

**Lead Lined Iron Pipe Co.,** Thomas E. Dwyer, Box 150, Wakefield, Mass.

**Leadite Co., Inc., The,** George McKay Jr., Pres., Girard Trust Company Bldg., Philadelphia, Pa.

**Limestone Products Corp. of America,** Robert L. Quait, Director of Research & Sales, Newton, N.J.

**Lock Joint Pipe Co.,** F. F. Longley, Vice-Pres., Box 21, Ampere, N.J.

**Lohman Bros., Inc.,** Frank Carlton, 1449 S. San Pedro St., Los Angeles, Calif.

**Ludlow Valve Mfg. Co.,** Troy, N.Y.

**Lynchburg Foundry Co.,** C. R. Spencer, Asst. Gen. Sales Mgr., Lynchburg, Va.

**M & H Valve & Fittings Co.,** J. W. Spradley, Sales Mgr., Anniston, Ala.

**Mabbs Hydraulic Packing Co.,** John W. Mabbs, 431 S. Dearborn St., Chicago, Ill.

**Mathieson Alkali Works, Inc.,** J. A. Kienle, Vice-Pres., 60 E. 42nd St., New York, N.Y.

**McCarthy Well Co.,** J. Fred McCarthy, 670 Eustis St., St. Paul, Minn.

**McDonald, A. Y., Mfg. Co.,** L. A. Montgomery, Sales Mgr., Box 508, Dubuque, Iowa

**McWane Cast Iron Pipe Co.,** W. P. Cox, Gen. Sales Mgr., Box 2601, Birmingham, Ala.

**Michigan Alkali Co.,** Harold W. Quigley, Technical Service Dept., Wyandotte, Mich.

**Mississippi Lime Co.,** C. C. Schmoeller, Vice-Pres., Alton, Ill.

**Monsanto Chemical Co.,** I. J. Stanley Jr., 1700 S. Second St., St. Louis, Mo.

**Mueller Brass Co.,** J. E. Gray, Development Engr., Port Huron, Mich.

**Mueller Co.,** Frank H. Mueller, Director of Research & Development, Decatur, Ill.

**Multiplex Mfg. Co.,** Multiplex Bldg., Berwick, Pa.

**National Aluminate Corp.,** 6216 W. 66th Pl., Chicago, Ill.

**National Meter Div.,** Pittsburgh Equitable Meter Co., N. J. Kenny, 4207 First Ave., Brooklyn, N.Y.

**National Soap & Chemical Co.,** A. H. Leifgren, 110—5th Ave., S.E., Minneapolis, Minn.

**National Tube Co.,** W. L. Schaeffer, 1902 Frick Bldg., Pittsburgh, Pa.

**National Water Main Cleaning Co.,** Clinton Inglee, Pres. & Gen. Mgr., 30 Church St., New York, N.Y.

**Neptune Meter Co.,** 50 W. 50th St., New York, N.Y.

**Niagara Alkali Co.,** 60 E. 42nd St., New York, N.Y.

**Non-Corrosive Products Co.,** Edward W. Seymour, Mgr., 2016 Laura Ave., Huntington Park, Calif.

**Nutting, H. C., Testing Engrs.,** 4120 Davis Lane, Cincinnati, Ohio

**Ohio Salt Co., The,** H. M. Olson, Promotion Engr., 171 Longue Vue Drive, Mt. Lebanon, Pittsburgh, Pa.

**Omega Machine Co.,** L. E. Harper, Secy., 4010 Penn, Kansas City, Mo.

**Ozone Processes, Inc.,** Stanley Jenks, Director of Trade Relations, 1500 Walnut St., Philadelphia, Pa.

**Pacific States Cast Iron Pipe Co.,** Box 18, Provo, Utah

**Peerless Pump Div.,** E. W. Pierce, Sales Mgr., Box 493, Massillon, Ohio

**Pelton Water Wheel Co., The,** C. G. Crawford, 2929—19th St., San Francisco, Calif.

**Pennsylvania Salt Mfg. Co.,** N. E. Bartlett, Vice-Pres., 1000 Widener Bldg., Philadelphia, Pa.

**Pensinger, L. C. & Son,** John L. Pensinger, 1332 Oak St., Kansas City, Mo.

**Permutit Co., The,** 330 W. 42nd St., New York, N.Y.

**Phipps & Bird, Inc.,** L. C. Bird, 915 E. Cary St., Richmond, Va.

**Phoenix Meter Corp.,** V. E. Arnold, 147 Waterbury Ave., Prince's Bay, Staten Island, N.Y.

**Pitometer Co., The,** 50 Church St., New York, N.Y.

**Pittsburgh Equitable Meter Co.,** R. S. Reed Jr., 400 N. Lexington Ave., Pittsburgh, Pa.

**Pittsburgh Plate Glass Co.,** *see* Columbia Chemical Div.

**Pittsburgh-Des Moines Steel Co.,** J. E. O'Leary, Neville Island, Pittsburgh, Pa.

**Plumb, D. S., Co., Inc.,** L. A. Hall, Vice-Pres., 73 Norfolk St., Newark, N.J.

**Pollard, Joseph G., Co., Inc.,** R. T. Mitchell, 142 Ashland Pl., Brooklyn, N.Y.

**Pomona Pump Co.,** 206 E. Commercial St., Pomona, Calif.

**Proportioneers, Inc.,** Jeff. Corydon, Pres., 9 Codding St., Providence, R.I.

**Public Works,** 310 E. 45th St., New York, N.Y.

**Quigley Co., Inc.,** I. A. Pfeil, 56 W. 45th St., New York, N.Y.

**Red Hed Mfg. Co.,** 368 Congress St., Boston, Mass.

**Refinite Corp., The,** C. W. Woods, Refinite Bldg., Omaha, Neb.

**Reilly Tar & Chemical Corp.,** William Higburg, 1615 Merchants Bank Bldg., Indianapolis, Ind.

**Reliable Iron Foundry, Inc.,** 1583 Fishburn St., Los Angeles, Calif.

**Rensselaer Valve Co.,** Troy, N.Y.

**Republic Steel Co.,** Sales Promotion Div., Republic Bldg., Cleveland, Ohio

**Revere Copper & Brass, Inc.,** W. Weir Henry, Asst. Sales Mgr., 230 Park Ave., New York, N.Y.

**Rich Mfg. Co., Ltd.,** E. F. Alt, Sales Mgr., 3851 Santa Fe Ave., Los Angeles, Calif.

**Roberts Filter Mfg. Co.,** Charles F. Thomas, Darby, Philadelphia, Pa.

**Ross Valve Mfg. Co., Inc.,** William F. End, Oakwood Ave., Troy, N.Y.

**Ruberoid Co., The,** Steven B. Avery, Mgr., Pressure Pipe Dept., Gloucester, N.J.

**Rusta Restor Corp.,** A. B. MacTaggart, 1450 W. State St., Fremont, Ohio

**Salomon, L. A., & Bro.,** Herman Salomon, 216 Pearl St., New York, N.Y.

**Sherman Machine & Iron Works,** E. W. Sherman, Vice-Pres., 2-26 E. Main St., Oklahoma City, Okla.

**Simplex Valve & Meter Co.,** Everett M. Jones, Sales Mgr., 6759 Upland St., Philadelphia, Pa.

**Skinner, M. B., Co.,** F. R. McMurray, Vice-Pres., Sales, South Bend, Ind.

**Smith, A. P., Mfg. Co.,** Denis F. O'Brien, East Orange, N.J.

**Smith, S. Morgan, Co.,** Earl E. Hilker, York, Pa.

**Smith-Blair, Inc.,** Telford L. Smith, Pres., 205 Cypress Ave., South San Francisco, Calif.

**Solvay Sales Corp.,** J. V. Stauf, Director of Sales, 40 Rector St., New York, N.Y.

**Southern Alkali Corp.,** 414 Tower Petroleum Bldg., Dallas, Tex.

**Southern Pipe & Casing Co.,** Douglas A. Stromsoe, Vice-Pres., Box C, Azusa, Calif.

**Sparling, R. W.,** 945 N. Main St., Los Angeles, Calif.

**Stannard Power Equipment Co.,** H. V. Bowlby, 53 W. Jackson Blvd., Chicago, Ill.

**Steel Protection & Chemical Co., Inc.,** L. R. Rogers, Pres., Mooresville, Ind.

**Sterling Engine Co.,** E. T. Herniman, Sales Engr., 1270 Niagara St., Buffalo, N.Y.

**Stokvis, R. S., & Sons, Inc.,** George R. Woods, Mgr., 17 Battery Pl., New York, N.Y.

**Stuart-Brumley Corp.,** *see* Activated Alum Corp.

**Tate Pipelinings, Inc.,** Bruce Harkness, 47 Haverhill St., Andover, Mass.

**Technicraft Engineering Co.,** H. E. Linden, Gen. Mgr., 5610 S. Soto St., Los Angeles, Calif.

**Thomson Meter Co.,** R. K. Blanchard, Vice-Pres., 50 W. 50th St., New York, N.Y.

**Traverse City Iron Works,** H. O. Joynt, Pres., Traverse City, Mich.

**U.S. Pipe & Foundry Co.,** Thomas Simons, Southern Sales Mgr., 1711 American-Traders Bank Bldg., Birmingham, Ala.

**U.S. Pipe & Foundry Co.,** H. Lloyd Nelson, Eastern Sales Mgr., 1624 Lincoln-Liberty Bldg., Broad & Chestnut Sts., Philadelphia, Pa.

**Universal Construction Co.,** 1238 W. 34th St., Indianapolis, Ind.

**Vogt Bros. Mfg. Corp.,** *see* Vogt Mfg. Co.

**Vogt Mfg. Co.,** E. L. Vogt, Box 1122, Louisville, Ky.

**Wailes Dove-Hermiston Corp.,** Linden Stuart, Pres., Westfield, N.J.

**Wallace & Tiernan Co., Inc.,** Box 178, Newark, N.J.

**Warren Foundry & Pipe Corp.,** J. H. Morrison, Vice-Pres., 11 Broadway, New York, N.Y.

**Water Leak Detector Co.,** 166 N. 3rd St., Columbus, Ohio

**Water Works & Sewerage,** 330 S. Wells St., Chicago, Ill.

**Water Works Engineering,** Editorial Dept., 24 W. 40th St., New York, N.Y.

**Water Works Supply Co.,** C. B. Abbott, 501 Howard St., San Francisco, Calif.

**Waterous Co.,** Fred A. Waterous, St. Paul, Minn.

**Well Machinery & Supply Co.,** Gordon B. Smith, 1629 Main St., Fort Worth, Tex.

**West Virginia Pulp & Paper Co.,** see Industrial Chemical Sales Div.

**Western City,** Winston R. Updegraff, 458 S. Spring St., Los Angeles, Calif.

**Western Pipe & Steel Co. of California,** R. D. Plageman, Vice-Pres., 200 Bush St., San Francisco, Calif.

**Wood, R. D., Co.,** Chas. H. Becker, 400 Chestnut St., Philadelphia, Pa.

**Worthington Pump & Machinery Corp.,** Thomas Cruthers, Vice-Pres., Harrison, N.J.

**Worthington-Gamon Meter Co.,** R. R. Anderson, Gen. Mgr., Harrison, N.J.

**Youngstown Sheet & Tube Co.,** Pipe Sales Div., Stambaugh Bldg., Youngstown, Ohio

# GEOGRAPHIC DISTRIBUTION

## UNITED STATES

### ALABAMA

**Anniston:** Knowlton, M & H Valve & Fittings Co., Perkerson

**Auburn:** Lowe

**Birmingham:** Am. Cast Iron Pipe Co., Beeny, Carson-Cadillac Corp., Crabbe, Deas, Decker, Goodwin, Lyman, MacKenzie, Matthews, McCreery, McGrann, McWane Cast Iron Pipe Co., Milford, Moore, Pollock, Silver, Starnes, Tate, U.S.Pipe & Fdry. Co., Van Den Berg, Woodson

**Bridgeport:** Jones

**Cullman:** City Light & W. Plant

**Decatur:** Godwin

**Florence:** Crow

**Gadsden:** Watford

**Heflin:** Wager

**Huntsville:** Reilly

**Huntsville Arsenal:** Regnier

**Langdale:** Wickham

**Mobile:** Converse

**Montgomery:** Abell, Beck, Cowham, Salter, White

**Sheffield:** Dent

**Talladega:** Todd

**Troy:** Pointer

**Tuscaloosa:** City of Tuscaloosa

**University:** Dunstan, Gran

**Wilson Dam:** Scott

### ARIZONA

**Douglas:** Robert

**Flagstaff:** Weidner

**Miami:** Luchessa

**Phoenix:** Baker, Bennett, Carollo, Cushing, Miles, Miller, Travaini

**Safford:** Rhoads

**Tucson:** Martin

### ARKANSAS

**Blytheville:** Allen

**Boonville:** Campbell

**Fayetteville:** Hale, Spencer

**Fort Smith:** Peck, Ullrich

**Hope:** Thomas

**Hot Springs National Park:** Hot Springs W. Co.

**Jonesboro:** Rebsamen

**Little Rock:** Crist, Jackson, Little Rock Munic. W.W., Mayhan, McDonald, Wilson

**Malvern:** Wallis

**Paragould:** Phillips

**Searcy:** Steward

**Springdale:** Wages

**Stuttgart:** King

**Van Buren:** Nunn

### CALIFORNIA

**Alhambra:** Clay, Clayton Mfg. Co.

**Altadena:** Call, Francis

**Anaheim:** Hannum

**Arcadia:** Lee

**Arroya Grande:** Ewing

**Azusa:** Southern Pipe & Casing Co.

**Bakersfield:** Dillon, Poulter

**Belmont:** Curtis

**Berkeley:** Chadwick, Chanlett, Foreman, Gillespie, Gray, Hyde, Jorgensen, Langelier, Ludwig, Ongerth, Pratt, Ramseier, Reinke

**Beverly Hills:** Beverly Hills W. Dept., Payne

**Bishop:** Wood

**Brisbane:** Ham

**Buena Park:** Allin

**Burbank:** Bates, Pub. Serv. Dept., Shipley, Smith

**Burlingame:** Hillsborough W. Dept., Schuck

**Campbell:** Hyde

**Claremont:** White

**Clearwater:** Wintz

**Colton:** Maxwell, Newell

**Compton:** Boardman, Park

**Corona:** Scoville

**Cudahy:** Knott

**Culver City:** Patten

**Dinuba:** Toews

**Downey:** Williamson

**Eagle Rock:** Johnson

**El Cerrito:** Heddell

**El Monte:** Cleminson, Martin, Moseley

**El Segundo:** Hutchins, Wilkins

**Elsinore:** Albright

**Emeryville:** Oliver

**Eureka:** Coupal

**Fall Brook:** White

**Fontana:** Hasbrouck

**Fresno:** Ashley, Cornell, Fresno City W. Dept., Hall, Harland, Leavitt, Ramacher

**Fullerton:** Humphreys, Walters

**Glendale:** McIntyre, Pub. Serv. Dept., Skinner, Vail

**Glendora:** Warren

**Hanford:** Isaac

**Hawthorne:** Hawthorne Munic. W.W.

**Hayward:** Fry

**Healdsburg:** City of Healdsburg

**Hollister:** Hollister W. Co.

**Hollydale:** Dayton Fdry. Inc.

**Huntington Park:** R. H. Baker Co. Inc., Hamilton, Non-Corrosive Products Co., Parry, Prescott, Robinson

**Hynes:** Duke

**Independence:** Krater, Lewis, Parratt, Ritch, Willett

**Inglewood:** W. Dept.

**La Canada:** Carpenter, Richards

**Laguna Beach:** Laguna Beach Co. W. Dist.

**La Mesa:** Harritt, La Mesa Lemon Grove & Spring Valley Irrigation Dist.

**La Verne:** Aultman

**Lindsay:** De Chaine, Maas, Trauger

**Lomita:** Cook

**Lompoc:** Lompoc Light & W. Dept., Roberts

**Lone Pine:** Hoag

**Long Beach:** Brown, Harmon, Long Beach W. Dept., Mead, Mikesell, Porter, Tallon, Taylor, B. S. Thomas, E. S. Thomas

**Los Altos:** Collins

**Los Angeles:** Alexander, Allen, Am. Pipe & Constr. Co., Anderson, Ashline
Bacon, Banks, Banta, Barclay, Bascom, Bennett, Bliss, Boettiger, Bovee, Breitkreutz, F. Brooks, T. Brooks, Brown, Bundy, Buratti, Burgund, Burris, Byron Jackson Co.
Camy, Carlton, Carmien, Chapin, Chase, Clark, Clot, Consolidated Steel Corp. Ltd., Copeland, Cowan, Crisler, Curry, Cutler
Dandridge, Dept. of W. & Power, Derby, Diemer, Dill, Dixon, Dudley, Dunham, Dunn
Edwards, Egan, Elder, Estey, Evans
Fenton, Ferem, Field, Fitzgerald, Flexible Sewer Rod Equip. Co., Fox, Frank, Fraser Cement Products Co., Frick
Ghiotto, Goit, Golden, Goudey, Graham, Grant, Green
Harmon, Harnish, Hayes, Hemborg, Hill, Hinds, Hubbard, Hurlbut
Itter
Jacques, A. W. Johnson, C. A. Johnson, J. E. Jones, W. B. Jones
Kelley, Kivari, Koebig
Lake, Lavelle, Larson, Lawson, Lawton, Lewis, Lippincott, Lohman Bros. Inc., Lugo, Luippold, Lyndes
Mamrelli, Manock, Margolin, Mattson, Mayer, McClees, Montgomery, Moss, Mowder
Nelson, Northrop
O'Leary, Olson
Phillis, Pohl, Price

Rawn, Read, Reliable Iron Fdry. Inc., Rich Mfg. Co. Ltd., Ridenour, Rockfellow, Ross, Ruckman, Rudser, Russell
Sanchis, Shildmyer, Shonerd, E. O. Slater, L. N. Slater, Small, Smith, Snook, Socha, Sonderegger, Sopp, Southern Calif. Gas Co., Southern Calif. W. Co., Sparks, R. C. Sparling, R. W. Sparling, Speer, Stevenson, Strader, Swanson, Swinney
Technicraft Eng. Co., Thacker, Thayer, Thompson, Townsend
Van Hoesen, Van Norman, Volk
Waite, Wall, Weight, Weir, Welch, Western City, Whitaker, White, Wilson, Wise, Wyckoff

**Madera:** Cook

**Manhattan Beach:** Malcor

**Martinez:** Duncan, Kelleher

**Marysville:** Stolp

**Maywood:** Foerster, McCann, Rohm

**McKittrick:** Willis

**Menlo Park:** Cook

**Mentone:** Tate

**Merced:** Casad

**Meridian:** Hays

**Millbrae:** Keyak, Medbery, Tracy

**Modesto:** Beard, Davis

**Mojave:** Fleming, Kelsey

**Monrovia:** Tonglet

**Monterey:** Goldsworthy, Lyon, Neill

**Monterey Park:** Preston

**Morro Bay:** Howell

**Mountain View:** Sohler

**National City:** Broyles, Hess, Williamson

**Newark:** Woodward

**Newport Beach:** Patterson

**Niles:** Glassbrook

**North Hollywood:** Owen, Poling

**Oakland:** Burnson, Daniels, DeCosta, Driggs, East Bay Munic. Util. Dist., Farrell, Faw, Forgey, Hall, Hersey, Hunter, Jordan, Kennedy, Knudsen, Longwell, Moullet, Osborn, Read, Sedgwick, Stevens, Traver

**Oceanside:** Weese

**Ontario:** Smith

**Orange:** Santa Ana Valley Irrigation Co., Thompson

**Oxnard:** Isham

**Palm City:** Myers

**Palm Springs:** Palm Springs W. Co.

**Palo Alto:** Fisher Research Lab., Jenks, Noble

**Palos Verdes Estates:** Haggott

**Parlier:** Herring

**Pasadena:** Art Concrete Works, Blackburn, Cates, Jones, Koster, Lynde, Pasadena W. Dept., Ritzel, Sopp, Thomas

**Petaluma:** Hendrix

**Pico:** Robinson

**Piedmont:** Luthin

**Pittsburg:** Heck, Pittsburg Munic. W.W.

**Pomona:** Pedley, Pomona Pump Co.

**Rancho Santa Fe:** Bakewell

**Redding:** Adams

**Rededa:** Mattoon

**Redondo Beach:** Parbury

**Redwood City:** Dimmitt

**Reedley:** Rowell

**Represa:** Hasselgren

**Richmond:** Allen

**Riverside:** Grayson, Hanson, W. Dept.

**Sacramento:** Conkling, Hoskinson, Klaus, Sacramento Div. of W.

**San Bernardino:** Bd. of W. Comrs., Coughlin, Currie, Perry

**San Carlos:** Barbee

**San Clemente:** Bennett

**San Diego:** Beerman, Foster, Rhodes, Rossum, Stockman, W. Dept., Williams

**San Fernando:** San Fernando W. Dept.

**San Francisco:** Abbott, Albert, Andrews, Arnold
Badger, Barker, Bauer, Benas, Benedict, Blair, Bovard, Bragg
Cook
Doyle
Eckart
Farrington, Flaa, Fraschina
Gill, Great Western Div., M. Greenberg's Sons, Griffin Chem. Co.

Hausmann, Hommon, Hunter
Jack
Keirn, Kempkey, Kennedy, Knoedler
Lane, Lee, Loveland
MacKall, Martindale, McKay
Nenzel
O'Connell
Pelton W. Wheel Co., Peterson, Porter, Pracy
Reinhardt, Renshaw, Roberts
San Francisco W. Dept., Schettler, Smith, Stava, Suburban W. Co.
Toman
Vallejo W. Co.
Water Works Supply Co., Webster, Western Pipe & Steel Co. of Calif.

**San Gabriel:** Ebaugh

**San Jacinto:** Fuller

**San Jose:** Blumberg, Brown, Dodge, Elliott, Ford, Green, Harris, Hutton, Mau, San Jose W.W., Wade

**San Marino:** Arnold, Brisbane, Fiscus, Gram, Hudson

**San Mateo:** Nutting

**San Pedro:** Monro

**San Rafael:** Peters

**Santa Ana:** Neighbour, W. Dept. of Santa Ana

**Santa Barbara:** City of Santa Barbara, Pinkham, Smith, Wyant

**Santa Clara:** Dixon

**Santa Cruz:** Patterson, Roff, Steffani, Tait

**Santa Monica:** City of Santa Monica, Hostrup, Thomas, Upton

**Santa Paula:** Giacomazzi

**Santa Rosa:** Adams

**Sebastopol:** Fellers

**Sierra Madre:** Schwartz

**Sonora:** Segerstrom

**South Gate:** Alderman

**South Pasadena:** Goodspeed, Mudge

**South San Francisco:** Smith-Blair Inc.

**Stanford University:** Morris, Reynolds

**Stockton:** Cary, Ingram, Rammer, Suters

**Sunnyvale:** Coates

**Susanville:** Burnett

**Temple City:** Howland

**Torrance:** Quandt, Stanger

**Twentynine Palms:** Abell

**Vallejo:** Kilkenny

**Van Nuys:** H. L. Bouey, J. H. Bouey, Hemborg, Olson, Williams

**Venice:** Harris, Klein, Vicini

**Ventura:** Ventura City W. System

**Vernon:** City of Vernon

**Visalia:** Hunsaker

**Vista:** Mull

**Watsonville:** Hushbeck

**West Berkeley:** Calif. Corrugated Culvert Co.

**West Los Angeles:** McKay, Shull

**Whittier:** City of Whittier, Foulds, Hillside Distr. Co., Launer, Wendt

**Wilmington:** Thompson

**Yorba Linda:** Lewis

**Yreka:** Thomas

## COLORADO

**Boulder:** W. Dept.

**Brighton:** Amend

**Brush:** Harness

**Canon City:** W. Dept.

**Colorado Springs:** Truman, Willis

**Denver:** Bardwell, Brown, Burgess, Crane, City & County of Denver, Evans, Garrett, Gross, Hanks, Hendrie & Bolthoff Mfg. & Supply Co., Hinkle, Howe, Kepner, Krieger, Lowther, Mars, McGowan, McGraw, McLaughlin, Millensifer, Millikin, Mulligan, Patterson, Portman, Priess, Thompson, Tracy, Turre, Warner, Werth

**Estes Park:** Tallant

**Fort Collins:** City of Fort Collins

**Grand Junction:** Brownson

**Greeley:** City of Greeley

**Gunnison:** Keenan

**Lamar:** Blizzard

**Leadville:** Hibschle

**Littleton:** Binner, Ripple

**Longmont:** Price

**Loveland:** City of Loveland

**Montrose:** Hill

**Palisade:** Nisbet

**Pueblo:** Porter, Wagner

**Sterling:** City of Sterling

**Trinidad:** Gregory

**Wray:** Buhler

## CONNECTICUT

**Ansonia:** Bristol

**Bridgeport:** Rothman, Senior

**Bristol:** Lourie

**Danbury:** Tarlton

**Darien:** Provost

**Derby:** Birmingham W. Co.

**Greenwich:** Cronkright

**Hartford:** F. S. Brainard & Co., Brainard, Dillon, Gentner, Griswold, Minkus, Newlands, Peck, Rudd, Saville, Scott

**Middletown:** Middletown W. Dept.

**Mystic:** Chase

**Naugatuck:** Moody

**New Britain:** Holden

**New Canaan:** Glidden

**New Haven:** Blair, Minor, Winslow

**Norwalk:** Riordan

**Putnam:** Fahlstrom

**Stamford:** Ketcham

**Storrs:** Booth

**Thompsonville:** Schwabe

**Torrington:** Travis

**Waterbury:** Am. Brass Co., Chase Brass & Copper Co.

**Westport:** Darby

**Winsted:** Walsh

## DELAWARE

**Bellevue:** Van Trump

**Dover:** Beckett

**Wilmington:** Baumgartner, Feeney, Showell, Wills

## DISTRICT OF COLUMBIA

**Washington:** Allen, Barker, Beckett, Brumbaugh, Buck, Calderara, Caplan, Clement, Collins, Dangler, De Martini, D.C. W. Dept., Fiedler, Hoskins, Kallis, Kappe, Kittrell, Lamar, Lauter, Lawrence, Macqueen, Radcliffe, Schmitt, Sette, Shaw, Sherman, Tarbett, Thompson, Wilberding

## FLORIDA

**Bradenton:** Armstrong, Murchison, Paul

**Canal Point:** Kingsley

**Clearwater:** Keller

**Coconut Grove:** Thomas

**Daytona Beach:** Brennan, Williamson

**Fort Lauderdale:** Chalfant, Fiveash, Vickrey

**Fort Myers:** Gibson

**Fort Pierce:** Gahn

**Gainesville:** Black, Hutson, Miles

**Jacksonville:** Eidsness, Garland, Helwick, Herring, Hoy, Lee, McCall, Richheimer, Saine, St. John, Smith, Tyler, Vinson, Ward, Weaver, Wells, Williamson

**Leesburg:** Newman

**Melbourne:** Stickel

**Miami:** Borton, Cross, Dept. of W. & Sewers, De Wolf, Henry, Hyman, Lambert, McCune, Preston, Sydow, Wertz

**Ocala:** City of Ocala W. Dept., Dixie Lime Products Co., Ferguson, Meffert

**Orlando:** Clapp, Cousins, Croll, Johnson, Michaels, Norris, Orlando Pub. Utils. Com.

**Ormond:** Young

**Panama City:** Gillespie

**Pensacola:** Semmes

**St. Petersburg:** Lee, Oberly, Ridgely

**Sarasota:** Carlson, Dodd, Ferguson

**Tallahassee:** Cotton, Gunter, Lester, Temple

**Tampa:** Hamilton, Johnson, Langston, Long, Lyles, McEldowney, Purity Springs W. Co.

**West Palm Beach:** Chinn, Conk, Culter, Tanner, West Palm Beach W. Co.

## GEORGIA

**Athens:** Beacham

**Atlanta:** Alexander, Avrett, Baker, Barnett, Brannen, Cady, Cissna, Clarkson, Clemensen, Coca-Cola Co., Collier, De Jarnette, Dishner, Frith, Fuller, Gaughan, Gilbertson, Gullo, Hall, Hancock, Hansell, Harris, Henley, Hicklin, Hopper, Houston, Howard, Johnson, Kahn, Lee, Len-

ert, Lewanda, Lewis, Maddox, McQuilkin, Patton, Reynolds, Rice, Roberts, Rothe, Servis, Shuff, S. H. Smith, T. E. Smith, Stillwell, Taulman, Thompson, Thomson, Traver, P. Weir, W. H. Weir, Wiedeman, Wilcox, Wilkes, Willis, Wyckoff

**Augusta:** Cooper, Wylds

**Brunswick:** Killian, Robinson

**Cairo:** Hendricks

**Canton:** Groves

**Cartersville:** Crane

**College Park:** Whelchel

**Columbus:** Hull, Lowe, Nehi Corp., Valentino

**Dalton:** Jones

**Decatur:** Weaver

**East Point:** Sparks

**Elberton:** Wallis

**Fort Benning:** Elliott

**Griffin:** Griffin Light W. & Sewerage Dept.

**La Grange:** Sargent

**Macon:** Baggarly, Macon Bd. of W. Comrs., Matthews

**Marietta:** Du Pre

**Moultrie:** McLean

**Newnan:** Passolt, Perryman

**Rome:** Angle, Hamler

**St. Simon Island:** Widener

**Savannah:** East

**Thomaston:** George

**Thomasville:** Dawes, Mathews

## IDAHO

**Boise:** Briggs, Butler, Idaho Surveying & Rating Bur., Jackson, Leonard

**Bonners Ferry:** Buroker

**Caldwell:** Beatty

**Jerome:** Jerome W. Co.

**Lewiston:** Berkeley, Hughes, Wilson

**Moscow:** Early, Univ. of Idaho

**Orofino:** Hallam

**Pocatello:** Rainey

**Sandpoint:** Heiner

**Wallace:** Citizens Utils. Co.

## ILLINOIS

**Alton:** Galliher, Mississippi Lime Co.

**Aurora:** Deuchler, Duy, Sperry

**Barrington:** McBride

**Belvidere:** Eby

**Benton:** Garner

**Bloomington:** Eldred, Stutz, Woltman

**Brookfield:** Pinner

**Cairo:** Hileman

**Carbondale:** Fore, Miller

**Centralia:** City W. Dept., De Berard

**Champaign:** Amsbary

**Chicago:** Abplanalp, Allen, Alt, Alvord, Am. Colloid Co., Am. Concrete Pipe Assn., F. D. Anderson, N. E. Anderson
Barksdale, Barron, Baylis, Behrman, Berk, Berry, Birch Mfg. Co., Bird, Bird-Archer Co., Birdsall, Birkeness, Brady, C. N. Brown, J. R. Brown, Brune, Burdick, Burgess
Carlisle, Chicago Bridge & Iron Co., Chicago Pump Co., Clarke, James B. Clow & Sons, Colston, Connolly, Consoer, Coughlan, Crane Co., Cullen
Dallach, Dearborn Chem. Co., DeBerard, De Leuw, Dunmire
Engel, Everson Mfg. Co.
Fager, Fisher, Fishtein
Gannon, Gayton, General Chem. Co., Gerstein, Getz, Goldsmith, Gordon, Gorman, Greeley, Groner, Grossman
Haering, Hansen, J. P. Harris, S. W. Harris, Hartmann, Hauck, Hauer, Hendricks, Hill, Hiskey, Holmes, Horstmann, Hudson
Illinois Inspection Bur., Infilco Inc.
Jewell, D. W. Johnson, S. C. Johnson, Judge
Knowles, Kucera, Kuehn
Langdon, Leland, Loudenback
Mabbs Hydraulic Packing Co., G. C. MacDonald, R. I. MacDonald, Maxwell, McClenahan, McDonough, Meites, Mitchell, Mohlman, Munn
National Aluminate Corp., Niles, Noble
Pearse, Phelps, Pioneer Asphalt Co., Portland Cement Assn.
Randlett, Reece, Rettig, Reynolds, Riedel, Robinson
Schmid, Shaw, Sherwood, Slee, Snow, Stannard Power Equip. Co., Stathas, Straetz, Sybrandt
Tatnall, Thayer, Towns
Veggeberg

W.W. & Sewerage, Weldon, Wolfe Yates

**Cicero:** Nedwed

**Danville:** Bardwell, Ell, Ely, Symons

**Decatur:** Greenfield, Hatfield, Mueller Co., Nalefski, Van Praag, Warren

**Des Plaines:** Lucey

**Dixon:** Coe

**East Moline:** W.W. Dept.

**East Peoria:** Boundy, Weeber

**East St. Louis:** Horner, Roos

**Edwardsville:** Case

**Elgin:** Lloyd, Scarritt, Trentlage

**Evanston:** Frye, Lund, Rose

**Freeport:** Hutchins, Leland

**Galesburg:** Galesburg W. Dept.

**Geneva:** Hellstrom

**Glencoe:** Pflanz, Young

**Highland Park:** Prindle

**Hinsdale:** Howson, Martin

**Jacksonville:** Caldwell, Stoldt

**Joliet:** City of Joliet

**Kankakee:** Frew, Minor

**Kenilworth:** Ruston

**Kewanee:** Todd

**La Grange:** Krause

**Lake Forest:** Lake Forest W. Dept.

**Lockport:** Enz

**Mattoon:** H. W. Clark Co., Coventry, Goetz, Parlett

**Moline:** Moline W.W.

**Monmouth:** Jessen

**Monticello:** Rudisill

**Murphysboro:** Bigelow

**Normal:** Smith

**Northbrook:** Culligan Zeolite Co.

**Oak Park:** Dutton

**Ottawa:** Farnsworth

**Pana:** Ashcraft

**Pekin:** Lautz

**Peoria:** Austin, Morrow, Walker

**Pontiac:** Ebert, Murphy

**Princeton:** Moran

**Quincy:** Gelston, W.W. Com.

**Robinson:** MacPherson, Schneider

**Rock Island:** W. Dept.

**Rockford:** Merz

**Salem:** Denton

**Springfield:** Black, Bonn, City W. Light & Powor Dept., Clark, Downer, Hudson, Hum, Klassen, Polk, Spafford, Spaulding, Thomas, Tolburg

**Steeleville:** Ralston

**Sterling:** MacDonald, Moomau

**Streator:** Adams, Miller, Mitchell

**Toulon:** City W.W.

**Urbana:** Babbitt, Buswell, Caldwell, Enger, Fleming, Gerber, Larson, Pickels, Suter, White

**Waukegan:** Domke

**Western Springs:** Simantel

**Wilmette:** Olson

**Winnetka:** French, Miller

**Wood River:** Penning

**Woodstock:** Corr

**Zion:** Craig

## INDIANA

**Alexandria:** Burden

**Anderson:** City of Anderson

**Argos:** Stichler

**Batesville:** Schwier

**Bedford:** Norman

**Bicknell:** Conrad

**Bloomington:** Crafton, Elford

**Bluffton:** Freeland

**Butlerville:** Schoolcraft

**Chesterton:** Weisemann

**Columbus:** Cook

**Connersville:** Loyd

**Crawfordsville:** Mallery

**Decatur:** Brodbeck

**Delphi:** Delphi W.W.

**East Chicago:** Dept. of W.W., McCormack

**East Gary:** Daugherty

**Elkhart:** Clark, Link

**Elwood:** Willetts

**Evansville:** Evansville W.W. Dept., Geupel, Stilwell

**Fort Wayne:** Baals, Farrell, Hoot, Mathews, Milligan

**Frankfort:** Stern

**Franklin:** Foist

**Gary:** Mathews, Sandbach

**Goodland:** Hotler

**Goshen:** Spry, Stack

**Greencastle:** Stewart

**Hammond:** Besozzi, Northern Indiana Pub. Serv. Co., Vaughn

**Huntingburg:** Lewis

**Huntington:** Shultz

**Indianapolis:** Alter
Boggs
Calvert, Carroll, Carter, Coughlen, Crum
Dept. of Conservation
Farr, Fassnacht, Finch, Frame
Garman
Heider, Horstman, Hurd
Ind. State Bd. of Health
Jeup, Jordan
Kershaw, Kinney, Kulin
Louis
Mabee, Matthews, Mauch, McGurk, Merrick, Miller, Moore, Morse
Niemeyer
Perrine, Poole, Pub. Serv. Co. of Ind.
Quinn
Reed, Reilly Tar & Chem. Corp.
Schwier, Swingley
Uhl, Universal Constr. Co.

**Jasonville:** Oeffler

**Jasper:** Jasper Munic. Elec. & W. Dept.

**Kendallville:** Ludlow

**Knox:** White

**Kokomo:** Stearns

**La Fayette:** La Fayette W.W., Wiley

**Lagrange:** Smith

**La Porte:** La Porte W.W.

**Lawrenceburg:** A. D. Cook Inc., Decker

**Lebanon:** Ridgway

**Ligonier:** Spurgeon

**Linton:** Bull

**Marion:** Reardon

**Markle:** Boulware

**Michigan City:** Coote, Draves, Rian

**Mishawaka:** City W. & Elec. Plant, Gunderson

**Monon:** Qualkenbush

**Mooresville:** Steel Protection & Chem. Co. Inc.

**Muncie:** Self, Stewart

**Nappanee:** Uline

**New Albany:** Adams, Schaefer

**New Castle:** Hall

**Oxford:** Reynolds

**Peru:** Hendrix, Schlie

**Plymouth:** Brown

**Portland:** Emerson

**Richmond:** Shoemaker

**Rochester:** Gordon, Smith

**Rockport:** Huffman

**Rushville:** Caldwell

**Scottsburg:** Robbins

**Shelbyville:** Gutting

**South Bend:** Cain, Cole, M. B. Skinner Co., Williams

**Speed:** Dold

**Tell City:** Ress

**Terre Haute:** Durbin, Hardman

**Valparaiso:** Bradley, Fraser

**Versailles:** Evans

**Vincennes:** Schwartz

**Wabash:** Evans, J. L. Ford, W. E. Ford

**Washington:** Gutsch

**West Lafayette:** Howland, West Lafayette W.W. Co.

**Whiting:** Bartuska

**Zionsville:** Moore

## IOWA

**Ames:** Ames W. Dept., Lawlor, Levine

**Boone:** W. Dept.

**Burlington:** Driftmier, Thompson

**Cedar Rapids:** Blomquist, City W.W., Green

**Centerville:** Alexander

**Clinton:** Meeker

**Council Bluffs:** Finerty, Haas, Jensen, Nelson, Storm

**Creston:** Russell

**Des Moines:** Des Moines W.W., Iowa Valve Co., D. L. Maffitt, H. C. Maffitt, Tenny, Thorpe, Wieters

**Dubuque:** Hail, A. Y. McDonald Mfg. Co.

**Elkader:** Schneider

**Fort Dodge:** Pray

**Glenwood:** Evrard

**Iowa City:** Bartow, Dawson, Edwards, Hinman, Kountz, Olin, Waterman

**Keokuk:** Garrison

**Laurens:** Garner

**Marion:** Toms

**Marshalltown:** Pedersen

**Mason City:** Mason City W. Dept.

**Muscatine:** Molis, Muscatine City W.W., Stanley

**Oskaloosa:** Hovey

**Ottumwa:** Brown, Elliott

**Perry:** Cole

**Sioux City:** Marzec, Nelson, Sutherland

**Waterloo:** Waterloo W.W.

## KANSAS

**Atchison:** Weatherford

**Chanute:** Pate

**Concordia:** Wolfe

**Ellinwood:** Zieber

**Iola:** Klaumann

**Kansas City:** Mangun

**Lawrence:** Boyce, City W. Dept., Haney

**Leavenworth:** Johnson, Kansteiner

**Mission:** Senges

**Parsons:** Fulkman

**Salina:** Badley, Hopkins, Salina W. Dept., Wilson

**Topeka:** Huffman, Pelton, Rupp, Staley

**Wichita:** City of Wichita, Millar

**Yates Center:** Sieker

## KENTUCKY

**Ashland:** Brownstead

**Bowling Green:** Hargett

**Carlisle:** Clay

**Danville:** Coldiron, Tuttle

**Elizabethtown:** King

**Fort Thomas:** Entwhistle

**Glasgow:** Beatty

**Harlan:** Harlan Munic. W.W.

**Harrodsburg:** Johnson

**La Grange:** Ogg

**Lexington:** Bell, Cramer, Jacobson, Jernigan, Kentucky Utils. Co., Latham, Watkins

**Louisville:** Cantrell, Franz, Handorf, Harris, Hopkin, Louisville W. Co., Lovejoy, McGonigale, Miller, Overstreet, Payne, Peabody, Rowley, State Bd. of Health, Stover, Vance, Vogt Mfg. Co.

**Madisonville:** Branson, McCoy, Vannoy

**Midway:** Devers

**Morehead:** Rice

**Owensboro:** Smith

**Paducah:** Mitchell, Paducah W.W.

**Richmond:** Dougherty, Forbes

**Russelville:** Simmons

**Sturgis:** Ellis

**Winchester:** Attersall

## LOUISIANA

**Alexandria:** Sloan

**Baton Rouge:** Connell, Gulf States Utils. Co.

**Harvey:** Feitel

**Monroe:** Cole

**New Orleans:** Earhart, Fowler, Gaspard, Grant, Haas, Hirsch, Moffat, O'Neill, Paterson, Wood

**Port Sulphur:** Hills

**Ruston:** Brooks

**Shreveport:** Amiss, Reily

**University:** Schwartz

**West Monroe:** Brownlee

## MAINE

**Auburn:** Cook

**Augusta:** Anthony, Campbell, Potter

**Bangor:** Byron, Powell, Read

**Camden:** Taylor

**Portland:** Burnie, Coburn, Fuller, Reny, West

**Rockland:** McAlary

**Sanford:** Clark

**Skowhegan:** Patterson

**York Village:** Lucas

## MARYLAND

**Annapolis:** Donaldson, Munroe

**Baltimore:** Activated Alum Corp., Blackburn, Coates, Flack, Fletcher, Frisk, Geyer, Green, Hablik, Hall, Henthorn, Holland, Hopkins, Kenney, Kinnear, Knapp, Levy, Pirnie, Powell, Regester, Requardt, Schamberger, Schudel, Small, Strohmeyer, Stuart, Whitman, Winslow, Wolman

**Bethesda:** Flanagan

**Chevy Chase:** Bird, Weed

**Hagerstown:** Ferguson, Willson

**Hyattsville:** Devilbiss, Hall, Hechmer, Joyce, Shaw, Washington Suburban San. Com.

**Luke:** Patrick

**Mt. Rainier:** Meissner

**Riverdale:** Owings

**Salisbury:** Gardner

**Silver Springs:** Jester, Wilbur

**Sparks:** Cromwell

**Towson:** Green, LaMotte Chem. Products Co.

**Western Port:** Cornell

**Westminster:** Day

## MASSACHUSETTS

**Acushnet:** Sorelle

**Andover:** Tate Pipelinings Inc.

**Athol:** Stone

**Boston:** Barbour, Bond, Chase, Eddy, Ellis, Ellsworth, Fales, French, Gibbs, Halpin, Horne, Hydraulic Development Corp., Kennison, Killam, Marston, Pratt, Red Hed Mfg. Co., Shaw, Skinner, Sullivan, Sweeney, Wentworth, A. D. Weston, R. S. Weston

**Brookline:** Bushway, Houser, Robie

**Cambridge:** Camp, Fair, Good, Moore, Whipple

**Concord:** Robinson

**Dalton:** Dalton Fire Dist.

**Danvers:** Esty

**Everett:** Langton

**Fairhaven:** Gidley

**Foxboro:** Foxboro Co.

**Framingham:** Reed

**Gloucester:** Hull, Moran

**Greenfield:** Field

**Haverhill:** Driscoll

**Holyoke:** Tighe

**Indian Orchard:** Chapman Valve Mfg. Co.

**Leominster:** Classon

**Lowell:** Reynolds, Runels

**Medford:** Dwyer

**Methuen:** Mahoney

**Milford:** Milford W. Co.

**Millbury:** Symonds

**Milton:** Melley

**Newton:** Kinsel, Murray

**North Andover:** Duffy

**Peabody:** Quirk

**Reading:** Taber

**Sandwich:** Chase

**Cape Cod:** Horton

**South Boston:** Edson Corp., Hersey Mfg. Co.

**Southbridge:** Abbott

**Springfield:** Carlton, Deliso, Lochridge

**Wakefield:** Lead Lined Iron Pipe Co.

**Wellesley:** Adams

**Winthrop:** Howard

**Worcester:** Hoy

## MICHIGAN

**Adrian:** Snedeker

**Ann Arbor:** Ann Arbor W. Dept., Ayres, Cox, Decker, Hoad, McNamee, Ridenour

**Bay City:** Harrison

**Benton Harbor:** Russell

**Birmingham:** Egbert

**Cadillac:** Webb

**Coldwater:** McQueen

**Dearborn:** Cooper, McCarthy

**Detroit:** Beatty, Burnett, Burroughs Adding Machine Co.
Dalee, Dempster, Dow, Dubois, Dunham
Feben, Fenkell
Garrity, Gerardy, Gould, Graf, Green
Hirn, Hornshaw, Hulbert
Klang
La Marre, Leisen, Lenhardt
McGrath, Meyer, Michael, Moffat, Morrill, Morrow, Mullen
Ouellette, Outzen
Parks, Picard, Powers
Rausch, Rindelhardt, Roden
Saunders, Schoeninger, Shannon, H. F. Smith, W. E. Smith, Stewart
Wallace, Watson, Wright

**Durand:** Reynolds

**East Lansing:** Mallmann

**Escanaba:** Shank

**Flint:** Flint W. Dept.

**Fowlerville:** Townsend

**Grand Haven:** Ellis

**Grand Rapids:** Grand Rapids W. Dept., Harris, Mace

**Grosse Pointe Farms:** De Boer

**Highland Park:** Dahljelm, Golden

**Hillsdale:** Clark

**Holland:** Vos

**Iron Mountain:** Rubbo

**Jackson:** Cattell

**Kalamazoo:** Bender, Decker, Libby, McClane, Norman, Norton

**Lansing:** Bd. of W. & Elec. Light Comrs., Erickson, Faust, Miller, Pirie, Rich

**Marine City:** Hazey

**Marquette:** Cliffs Dow Chem. Co., Rowley

**Marysville:** W. Dept.

**Melvindale:** MacDonald

**Midland:** Midland W. Dept.

**Monroe:** Jennings, Reighard

**Mt. Clemens:** Keils

**Muskegon:** Sensabaugh

**Niles:** Crabill

**Owosso:** W. Dept.

**Pentwater:** Williams

**Pontiac:** Buchanan

**Port Huron:** Mueller Brass Co.

**River Rouge:** Moore

**Rogers City:** Garratt

**Royal Oak:** Landgraf

**Saginaw:** Eckert, Francis, Richardson

**St. Clair:** Baumann

**South Haven:** Smith

**Traverse City:** Eikey, Traverse City Iron Works

**Wyandotte:** Allen, Michigan Alkali Co., Potts, Ward

## MINNESOTA

**Albert Lea:** W. Dept.

**Aurora:** W. & Light Com.

**Austin:** Bd. of W. Elec. Gas & Power Comrs.

**Brainerd:** Zapffe

**Cloquet:** Noreus

**Duluth:** Cutler-Magner Co., Foster, Tischer

**East Grand Forks:** Powers

**Ely:** Buccowich

**Eveleth:** Stauff

**Fairmont:** Basom

**Faribault:** Wilson

**Fergus Falls:** W. Dept.

**Grand Rapids:** Hanson

**Granite Falls:** Barager

**Hibbing:** Forsberg, Mattson, W. Light Power & Bldg. Com.

**Keewatin:** Boudreau

**Little Falls:** McPherson

**Mankato:** Kircher

**Minneapolis:** Bell, Bromschwig, Brownell, Dixon, Estabrook, Finch, Fire Underwriters Inspection Bur., Flox Co. Inc., Grodin, Janzig, Jensen, Johnson, Jones, Kelso, Lundquist, Mellen, Minneapolis Com. of W.W., National Soap & Chem. Co., Paulson, Poole, Raab, Robbins, Rogers, Seemann, Simcoe, Sowden, Stock, Thompsen, Whittaker

**Ortonville:** Kriesel

**Rochester:** Schwarz

**St. Cloud:** Seibert

**St. Paul:** Bd. of W. Comrs., Druar, Duvall, Findlan, Flanagan, Grime, Edward E. Johnson Inc., McCarthy Well Co., McPeak, Morris, Mueller, Rosen, Shepard, Thompson, Thuma, Waterous Co.

**Staples:** Klang

**Stillwater:** Grove

**Two Harbors:** City of Two Harbors

**Winona:** Bd. of Munic. Works

## MISSISSIPPI

**Amory:** Miller

**Canton:** Canton Munic. Utils.

**Greenwood:** Stott

**Jackson:** Fewell, Kroeze, Ledbetter

**Meridian:** Pinkston

**Natchez:** Stewart

**Pascagoula:** Winterton

**State College:** Richey

## MISSOURI

**Boonville:** Hagar

**Bowling Green:** Dougherty

**Carthage:** Vance

**Chesterfield:** Graf

**Chillicothe:** Higgins

**Columbia:** Luebbers, Towne, Wolcott

**Hannibal:** Watson, Wolfe

**Harrisonville:** Brown, Todd

**Independence:** Bliss, Gallagher, Remington Arms Co. Inc.

**Jefferson City:** Helmreich, Johnson, Kramer

**Joplin:** Schanze

**Kansas City:** Archer, E. W. Bacharach, & Co., Bailey, Baldwin, Barada & Page Inc., Barrett, Black, Collar, Crocker, Filby, Foreman, Gilkison, Harper, Haskins, Hatcher, Hopkins, Jacobson, Joslyn, King, Learned, Lemert, McDonnell, McFarland, Mullergren, Omega Machine Co., Parkhurst, L. C. Pensinger & Son, Reynolds, Samuel, Smith, Strang, Timanus, Veatch, W. Dept.

**Liberty:** Barnes, Brouillette

**Neosho:** Propst

**Poplar Bluff:** Lamar, Williams

**St. Charles:** Oelklaus

**St. Joseph:** McAndrew, Smouse

**St. Louis:** Am. Fdry. & Mfg. Co., Anheuser-Busch Inc., Dean, Doyne, Easterday, Hartung, Hawken, Henning, Holaday, Jutz, Kriz, Lischer, Meyer, Monsanto Chem. Co., Orth, Pritchard, Rimbach, Skinker, Wall, Wenger

**Sedalia:** Reed

**Springfield:** Everett, Piner

**Trenton:** Ralls

**University City:** Weir

## MONTANA

**Anaconda:** Anaconda Copper Mining Co., Grush

**Big Timber:** Walvoord

**Billings:** Beiswanger, Downs, Heath, Hewett, Miracle

**Bozeman:** City of Bozeman, Cobleigh, Hurdle, Quinnell

**Butte:** Carroll, Hazen, Plummer, Sandquist

**Chinook:** Brandis

**Columbus:** Marcott

**Deer Lodge:** Gerstacker

**Denton:** Schrader

**Dillon:** Bayerd

**East Helena:** City of East Helena

**Forsyth:** Palmer

**Fort Shaw:** Hall

**Gardiner:** Lauer

**Glendive:** Eyer

**Great Falls:** City of Great Falls, Evans, Moore, Thomas, Voden

**Hardin:** Young

**Havre:** City of Havre W. Dept.

**Helena:** Eby, Foote, Garber, W. Dept.

**Lewistown:** Schmit

**Livingston:** Cortese

**Miles City:** Wiel

**Missoula:** Thane

**Whitefish:** Arnold

## NEBRASKA

**David City:** Andrews

**Fremont:** Henry

**Hastings:** Bd. of Pub. Works

**Lincoln:** City W. & Light Dept., Erickson, Filipi

**Omaha:** Barber, Barklage, Bunnell, Byrne, Detweiler, Holdrege, Lasell, Metropolitan Utils. Dist., Refinite Corp.

**Plattsmouth:** Pollock

**Sidney:** Jones

**York:** Malster

## NEVADA

**Las Vegas:** Doll

**Reno:** Sierra Pacific Power Co., White

**Virginia City:** Leonard

## NEW HAMPSHIRE

**Berlin:** Tankard

**Concord:** Howard

**Manchester:** Shaw

**Nashua:** Pennichuck W.W.

## NEW JERSEY

**Allendale:** W. Dept. of Boro of Allendale

**Ampere:** Brainard, Lock Joint Pipe Co., Longley

**Arlington:** City of Bayonne W. Dept.

**Atlantic City:** Brunstein, Grossman, Van Gilder

**Beverly:** Horan

**Bloomfield:** Town of Bloomfield

**Bogota:** Brinkerhoff

**Boonton:** Mallalieu, Mara

**Bound Brook:** Brush

**Bridgeton:** King

**Brielle:** Voorhees

**Burlington:** Conard, Hoffer, Russell, Shinn, Stokes, Zelley

**Camden:** Bowman, Lewis, Rodan, Sleeper

**Chatham:** Smith, Van Wert

**Clayton:** Hungerford

**Collingswood:** Collings

**Denville:** Lee

**Dover:** Dover W. Comrs.

**East Orange:** Apgar, Bd. of W. Comrs., Cadmus, Godet, Klein, N.J. State W. Policy Com., O'Brien, Roper, A. P. Smith Mfg. Co.

**Edgewater:** Ockershausen

**Elizabeth:** Biddle, Craig, Crane, McGrath, Newkirk, Radcliffe, Stone

**Englewood:** Talbot

**Essex Fells:** Bell, Tiernan

**Fairlawn:** Harley, Knapp

**Flemington:** Stothoff

**Florence:** Green

**Florham Park:** Scorso

**Franklin:** Jenkins

**Freehold:** McGowan, Schiverea

**Glen Ridge:** Flentje, Glen Ridge W. Dept., Wilson

**Gloucester:** Ruberoid Co.

**Hackensack:** Frank, Menzenhauer, Weir

**Haddon Heights:** N.J. W. Co., Stuart

**Haddonfield:** Ford Meter Box Co., Borough W. Dept.

**Haledon:** Miller

**Hammonton:** Lobley

**Harrison:** Hall, Matte, Worthington Pump & Machinery Corp., Worthington-Gamon Meter Co.

**Hawthorne:** Frazza

**Highland Park:** Smalley

**Hillsdale:** Seeholzer

**Irvington:** Straub

**Jersey City:** Joseph Dixon Crucible Co., Jewell, Ohland

**Keyport:** Egginson

**Little Falls:** Currens, Ogden

**Livingston:** Burack, Livingston W. Dept.

**Long Branch:** Herr

**Lyndhurst:** Muhlaiser

**Manasquan:** Van Brunt

**Manville:** Krassy

**Maplewood:** Faulks

**Medford:** Wagner

**Merchantville:** Campbell, Corson, South Jersey Assn. of W. Supts.

**Millville:** Melvin, Millville W. Co.

**Montclair:** Bourgin, Weaver

**Montvale:** Gray

**Moorestown:** Eisenberg, Greenwood, Hyland

**Mountain View:** Cassidy

**Mount Holly:** Mount Holly W. Co.

**New Brunswick:** Atkinson, Baker, End, Lendall, Rudolfs

**New Market:** Kupper

**New Milford:** Cowles, Spalding, Tamer

**Newark:** Andrews, Banks, Browning, Chamberlin, Costello, Eastwood, Faulks, Ferguson, Flanders, Garratt, Gibbons, Hobby, Hutton, Merckel, Murray, Orchard, D. S. Plumb Co. Inc., Quigley, Robbins, Runyon, Schwartz, Tygert, Wallace & Tiernan Co. Inc.

**Newton:** Limestone Products Corp. of America

**North Caldwell:** Bickley

**Ocean City:** Steelman

**Ogdensburg:** Chorney

**Oradell:** Pallo

**Orange:** McNamara

**Packanack Lake:** Pomfret

**Palmyra:** Greco, Reinicker

**Park Ridge:** Smith

**Passaic:** Ryle

**Paterson:** Bonyun, Cook

**Peapack:** Sprague

**Perth Amboy:** Reager

**Phillipsburg:** Thomas

**Plainfield:** Gavett, Winslow

**Pompton Plains:** Edwards, Griffin

**Princeton:** Hutchinson, Riker

**Rahway:** Eller

**Ramsey:** Ramsey W.W.

**Raritan:** Miller

**Red Bank:** Cadman, Hotchkiss

**Ridgewood:** Bauman, Carr, Travis

**River Edge:** Roby

**Rochelle Park:** Every

**Roselle:** Williams

**Salem:** W. Dept.

**Sea Girt:** Cornelius

**South Amboy:** National Lead Co.

**Sparta:** Callahan

**Summit:** Bassett

**Trenton:** Brooks, Bugbee, Critchlow, Croft, De Laval Steam Turbine Co., Hanks, Johnson, Kroschwitz, Trenton W.W.

**Upper Montclair:** Baker, Wilson

**Verona:** Carmichael

**Wanaque:** McLaughlin, North Jersey Dist. W. Supply Com., Purcell

**Weehawken:** Alfke, Cady, Fricker, Schlicht

**West Englewood:** Whitlock, Wieghardt

**West New York:** Boquist

**West Orange:** Capen, Fritz, Glannan

**Westfield:** Bushnell, Haskew, Wailes Dove-Hermiston Corp.

**Woodbridge:** Mundy

## NEW MEXICO

**Deming:** Deming W. Dept.

**Las Cruces:** Dodds

**Las Vegas:** New Mexico Power Co.—Agua Pura Div.

**Raton:** Riddell

**Santa Fe:** Fox, Goldenberg, New Mexico Power Co.

**Silver City:** W. Dept.

**Taos:** Martinez

## NEW YORK

**Albany:** Austin, Cox, Davis, Erickson, Gilcreas, Holmquist, Sheldon, Smith, Suter, Tracy, Tripp, Veeder, Wheeler

**Amsterdam:** Eaton, Taggart

**Ashokan:** Friedman

**Auburn:** Auburn W. Dept., Perkins

**Avon:** Clark

**Babylon:** Five, Zele

**Ballston Spa:** W. Dept.

**Batavia:** City of Batavia, Cook, Zollner

**Bay Shore:** Fenn

**Binghamton:** Bur. of W., Costello

**Brockport:** Glynn

**Buffalo:** C. K. Bassett, G. B. Bassett, Bates, Bergman, Bingham & Taylor Corp., Buffalo Meter Co., Buffalo Niagara Elec. Corp., Cochrane, Creager, Davis, Dewey, Div. of W., Drake, Fahning, Fitzgerald, Grotz, Michael Hayman & Co. Inc., Huy, Nussbaumer, Randorf, Rice, Sterling Engine Co., Svenson, Symons, Thomas, Velzy, Wagner

**Canajoharie:** Bullock

**Canandaigua:** Ellis

**Canastota:** W. Dept.

**Catskill:** Hagginbothom

**Chappaqua:** Page

**Chateaugay:** Chateaugay W.W. Co.

**Cobleskill:** Dyer

**Corning:** Drake, W. Dept.

**Cortland:** Ford

**Dobbs Ferry:** Helling

**Dunkirk:** Bd. of W. Comrs.

**East Aurora:** Shed, Village of East Aurora

**Elizabethtown:** Hubbard

**Elmira:** Elmira W. Bd., Kennedy Valve Mfg. Co.

**Elsmere:** Peck

**Endicott:** Endicott W.W. Co.

**Fishers Island:** Fishers Island Farms Inc.

**Floral Park:** Rau

**Frankfort:** Shea

**Franklin Square:** Franklin Square W. Com.

**Fredonia:** Cranston, Heubi

**Freeport:** McKague, Southard

**Garden City:** Inc. Village of Garden City

**Glen Cove:** Ogden

**Glen Head:** Tappen

**Glens Falls:** Glens Falls Bd. of W. Comrs.

**Gloversville:** Becker, Davies, Vrooman

**Great Neck:** Baranousky

**Greenwich:** Patten

**Hamburg:** Roberts, Sterns

**Hamilton:** Albrecht

**Hempstead:** Inc. Village of Hempstead

**Herkimer:** Bachelder

**Hicksville:** Hicksville W. Dist.

**Highland:** Marx

**Holland:** Holland W. Dist. No. 1

**Hornell:** Gorman

**Hudson:** Dept. of Pub. Works, Herron

**Huntington:** Horn

**Ilion:** Bd. of W. Comrs.

**Irvington:** Eggerling

**Ithaca:** Carpenter, Georgia, Malcolm, Seery, Walker

**Jamestown:** Bd. of Pub. Utils., Bernhardt, Johnson

**Johnson City:** Johnson City W. Dept.

**Kingston:** Darrow, Muddiman

**Lackawanna:** Kurtz

**Larchmont:** Hotchkiss

**Le Roy:** O'Mealia

**Little Falls:** Austin

**Little Valley:** Underwood

**Lockport:** Foltz, Hooker

**Lowville:** Adirondack W.W.

**Lynbrook:** Rowley, Stearns

**Malone:** Van Deusen

**Mamaroneck:** Thrasher

**Manhasset:** Manhasset-Lakeville W. Dist.

**Massapequa:** Bornemann

**Massena:** Village of Massena

**Mechanicville:** Sage

**Middletown:** Bull

**Mineola:** Inc. Village of Mineola, Nassau County Dept. of Health

**Mohawk:** Martin

**Monticello:** Divine

**Mount Kisco:** Mathews

**Mount Morris:** W. Dept.

**Mount Vernon:** Jewell, Kroeber, Manahan, Scott, Theobald, Wolbert, Wyman

**Munnsville:** Ackerman

**New Rochelle:** Cranch, Gooding

## NEW YORK CITY

**Brooklyn:** Aeryns, Arno, Hale, Horandt, Kenny, Kneale, National Meter Div., Nesin, Niedrich, Joseph G. Pollard Co. Inc., Roux, Stevenson

**Manhattan:** Abrams, Allen, Angell, Am. City, Am. Cyanamid & Chem. Corp., Am. Iron & Steel Inst., Am. Smelting & Refining Co., Am. W.W. & Elec. Co. Inc., Applebaum, Arenander, Armstrong
Bachmann, L. A. Baldwin, R. T. Baldwin, Ballou, Barnhill, Barrett Div., Bell, Bennett, Berry, Biggs, Blanchard, Blum, Bock, Bogert, Booth, Bowe, Bowers, Boyd, Brush
Case, Central Fdry. Co., Centriline Corp., Chamberlain, C. M. Chenery, C. T. Chenery, Chevalier, Childs, Clark, Cleverdon, E. Shaw Cole, Edward S. Cole, Community W. Serv. Co., Cook, Copper & Brass Research Assn.
Darco Corp., Dennett, Dixon, Donaldson, Dong, Dorr Co. Inc.
Ebasco Servs. Inc., Eliassen, Emerson, Eng. News-Record
Faber, Federal Advisers Inc., Ford, Foulds
Gard, Gausmann, Geisler
Haiss, Hazen, Helbig, Henderson, Hoag, Hochlerner, Hogan, Hollander, Hoy
Industrial Chem. Sales Div., Inglee
Jacobs, Jagger, Johns-Manville Sales Corp., E. F. Johnson, R. K. Johnson, Jones, Jordan, Jost
Kendall, Kienle, Killam, Knoener, Krell, Kriegsheim
Lang, Lead Industries Assn., Luce
Maier, Mailler, Mann, Mathieson Alkali Works Inc., Meyerherm, Miller, Murdoch
National Automatic Sprinkler Assn., National W. Main Cleaning Co., Nelson, Neptune Meter Co., Newsom, Niagara Alkali Co., Norcom, Nordell, Northeastern W. & Elec. Serv. Corp., Northrop, Nuebling
Oberholtz, Ornstein, Overholt
Palmer, Patitz, Patton, Permutit Co., Pincus, Pirnie, Pitometer Co., Place, Potts, Pub. Works, Purdy
Quigley Co. Inc., Quilty
Rankin, Revere Copper & Brass Inc., Riddick, Robbins
L. A. Salomon & Bro., Sanborn, Saunders, Saville, C. N. Sawyer, R. W. Sawyer, Scharff, Scott, Seabury, Seifert, Shuldener, Sigworth, Sinclair, Solvay Sales Corp., R. S. Stokvis & Sons Inc., Stradling
Thomson Meter Co., Trowbridge, Turner
Van Reenen, Velz, Vermeule
Wafer, Wagner, Walker, Warren Fdry. & Pipe Corp., W.W. Eng., Whitley, Wiggin, Wolff, Wood, Wrench, Wyckoff

**Queens:** Ankener, Citizens W. Supply Co. of Newtown, Diven, Enslow, Farley, Hapgood, Henderson, Interstate Lead Distr. Co., Keily, Kydd, Laase, Lamb, Ley, Shapiro, Solleder

**Richmond:** Phoenix Meter Corp., Warde

**Newark:** Wright

**Niagara Falls:** Dignan, Hooker Electrochem. Co., Piper, Robbins, Roe

**North Creek:** North Creek W. Dist.

**North Tarrytown:** Kassey

**North Tonawanda:** Oelkers

**Ogdensburg:** Lord

**Olean:** Olean W. Dept.

**Oneida:** Clark, Sherrill-Kenwood W. Com.

**Oneonta:** Rock, Watkins

**Ossining:** Bd. of W. Comrs.

**Oswego:** Dept. of W., McCaffrey

**Owego:** Owego W.W.

**Peekskill:** Irish, Shaver, Wood

**Phelps:** Henry

**Pleasantville:** Day

**Point Lookout:** Anderson

**Port Chester:** Homelite Corp., Kaufman

**Port Ewen:** Tinney

**Port Jervis:** Sheldon

**Poughkeepsie:** Bd. of Pub. Works, Cole, Dean, Kiker, Rhynus, Walker

**Rensselaer:** Claflin

**Richfield Springs:** Richfield Springs W. Com.

**Riverhead:** Benjamin

**Rochester:** Edwards, Gordon, Hines, Hopper, Howe, Kohl, Lewis, Little, Lozier, Moore, Morrison, Mussi, Price, Roberts, Russell, Shnidman, L. B. Smith, M. Smith, Ten Eyck, Thomas

**Rockville Centre:** Patten

**Rome:** Rome Bur. of W.

**Roslyn:** Ketcham

**Rouses Point:** Village of Rouses Point

**Rush:** Gray

**Rye:** Aldrich

**Salamanca:** Weagraff

**Saranac Lake:** Stalbird

**Saratoga Springs:** Grooms

**Scarsdale:** Boniface, Conlan, Henshaw

**Schenectady:** City of Schenectady, Devendorf, Taylor

**Sea Cliff:** Adams

**Seneca Falls:** Seneca Falls W. Dept.

**Sherburne:** Champ

**Silver Creek:** Silver Creek W.W

**Skaneateles:** Horsington

**Snyder:** Gibney

**Sodus Point:** Comstock

**Spring Valley:** Mosier

**Sylvan Beach:** Freiberger

**Syracuse:** Daw, Elder, Korves, Mitchell' Mower, Rush, Syracuse Dept. of Eng.' Thompson, Wagenhals, West

**Tarrytown:** Losee

**Thornwood:** Jiannott

**Tonawanda:** Korff, Siegmund

**Troy:** Bischoff, Bur. of W., Caird, Clifton, End, W. & L. E. Gurley, Holroyd, Keis, Knickerbacker, Ludlow Valve Mfg. Co., Rensselaer Valve Co., Ross Valve Mfg. Co. Inc., Rutledge, Solomon

**Union:** Ware

**Utica:** Griswold, Hopkins, Mattinson, Miles

**Valhalla:** Havill, Kelley

**Voorheesville:** Horton

**Waterford:** Eddy Valve Co., Yaxley

**Watertown:** Field, Jennings, Tyldesley

**Waverly:** Hall

**Webster:** Hawley, O'Dell, Pinkney

**Wellsville:** Rowe

**White Plains:** Friese, Grantham, Harding, McLaughlin, Russo, Scholz, White Plains Dept. of Pub. Works

**Yonkers:** Carroll, Harmonay

## NORTH CAROLINA

**Albemarle:** Moore

**Asheboro:** Adkins, Yow

**Asheville:** Barnard, Burchard

**Badin:** Carolina Aluminum Co.

**Belmont:** Hovis, Richey

**Burlington:** Thomas

**Camp Davis:** Parks

**Canton:** Seaman

**Chapel Hill:** Baity, Gotaas, Gutierrez, Horton

**Charlotte:** Clapp, Davidson, Davis, Doane, Elmore, Franklin, Glace, Greenlee, Grinnell Co. Inc., Heyward, Le Clerc, Lee, Potter, Purser, Rawlins, Starling, Vause, Vest, Wooten

**Cherry Point:** McGuire

**Concord:** Brown, Fisher

**Cramerton:** Young

**Durham:** Davis, Durham W. Dept., Earp, Hall, Lubow, Malone, Moggio, Moses, Phillips, Piatt, Redding, Rice

**Elizabeth City:** Luther, Parker

**Enka:** Am. Enka Corp.

**Fort Bragg:** Mutzberg

**Gastonia:** Du Bruyne

**Greensboro:** Flanagan, Gregory, Smedberg, True

**Greenville:** Swartz

**Hamlet:** Thorp

**Henderson:** Henderson W.W.

**Hendersonville:** Lampley

**Hickory:** City of Hickory

**High Point:** Perkins, Setzer

**Hiwassee Dam:** Fletcher

**Laurinburg:** Brannock

**Leaksville:** Smith

**Lexington:** Williams

**Lincolnton:** Randall

**Lumberton:** McNeill

**Mebane:** Michael

**Mooresville:** Hall

**Morehead City:** Ohr

**Morganton:** Kearney

**Mount Airy:** Town of Mount Airy

**Murphy:** Johnson

**Pisgah Forest:** Ecusta Paper Corp.

**Plymouth:** Gray

**Raeford:** McMillan

**Raleigh:** Booker, Coleman, Doggett, Grady, Hill, Johnson, Kellogg, Olsen, Pearce, Peirson, Swab, W. Dept.

**Rockingham:** Tull

**Rutherfordton:** Anderson

**Salisbury:** English

**Sanford:** Spence

**Shelby:** Toms

**Statesville:** City W. Dept., Hughey

**Swannanoa:** Shore

**Tarboro:** Bryan

**Wadesboro:** Ratliffe

**Wake Forest:** Town of Wake Forest

**Warrenton:** Warrenton W. Co.

**Washington:** Smith

**Wilmington:** Lassiter

**Winston-Salem:** Ebert, Nicholson, Thomas

## NORTH DAKOTA

**Bismarck:** Clark, Lauster, Yegen

**Edgeley:** Malloy

**Fargo:** Ayliffe, Kirk, Tarbell

**Grand Forks:** Hulteng, Jenson

**Mandan:** Wilmarth

**Wahpeton:** Hintgen

## OHIO

**Akron:** Barstow, Boekley, Elting, Goodman, Hanson, Hoffman, La Due, Sherbondy, Thomas

**Alliance:** Heffelfinger

**Avon Lake:** Britton

**Barberton:** Babcock & Wilcox Co., Columbia Chem. Div.

**Batavia:** Stouder

**Belle Center:** Stout

**Bowling Green:** City W. Co., Insull

**Bucyrus:** Lower

**Cadiz:** Hanna

**California:** Bahlman

**Canton:** Schlott

**Centerville:** Fox

**Chillicothe:** Hibbs, Ruff

**Cincinnati:** Becker, Bourbon Copper & Brass Works Co., Bready, Duhme, Eberling, Evans, Hoffman, Irwin, Keinath, Le Bosquet, Mace, Nutting, H. C. Nutting Testing Engrs., Rimmer, Sahnd, Trout

**Cleveland:** Andrews, Antweiler, Barnes, Braidech, Danner, Electric Chem. Co., Ellms, Elwell, Farnan Brass Works Co., Fischer, Hill, Hubbell & Co. Div., Hamlin, Fred W. Hanks Co., Harlamert, Havens, Hickey, Jones, Law, Levy, Lewis, MacDowell, MacLachlan, Marsh, Marshall, Moses, Pease, Republic Steel Co., Sangdahl, Schramm, Simmermacher, L. P. Smith, R. B. Smith, Statham, Tolles

**Cleveland Heights:** Barton

**Columbus:** Albert, Blaik, Burgess, Crane, Driskell, Foulk, Hoover, Hoyt, Jeffrey Mfg. Co., Kimberly, Knox, Krumm, Lathrop, Martin, McIntyre, Mendelsohn, Moore, Nicklis, Prior, Riehl, Scott, Shenker, Stroyd, Thoman, Walker, Waring, Water Leak Detector Co.

**Conneaut:** Harvey

**Dayton:** Electro Rust-Proofing Co., Kline, Morehouse, Reemelin

**Defiance:** Taylor

**Delaware:** Irwin

**East Cleveland:** Barnes

**East Liverpool:** Larkins, Robinson

**Findlay:** Foltz

**Fremont:** Rusta Restor Corp., Schneider

**Girard:** Reep

**Grafton:** Hahn

**Jackson:** Brunton

**Kent:** Gettrust, Hostettler, Young

**Killbuck:** Kuhns

**Lima:** Smith, Stimmel

**Lorain:** Miller

**Marietta:** Eggleston

**Martins Ferry:** Jenkins

**Marysville:** Banks

**Massillon:** Peerless Pump Div., Ulrich

**Middletown:** Am. Rolling Mill Co., Barnard, Gebhart

**Milford:** D. R. Erion, R. Erion

**Montpelier:** Hoover

**Napoleon:** Adams, Kelley

**Oak Harbor:** Zorn

**Orrville:** Specht

**Painesville:** Cook, Hobbs

**Piqua:** Rauscher

**Rossford:** Libbey-Owens-Ford Glass Co.

**St. Clairsville:** Hardesty

**Salem:** Kennedy

**Sandusky:** Schoepfle

**Steubenville:** Trainer

**Struthers:** Carty, Evans

**Toledo:** Applegate, O. E. Clark, W. G. Clark, Finkbeiner, Furman, Henry, Jones, Schoonmaker, Stepleton, Williams

**Van Wert:** Ellis

**Warren:** Hapgood, Inman, O'Connor

**Wellsville:** Tarr

**West Milton:** Farver

**Williamsburg:** White

**Wilmington:** Campbell

**Woodsfield:** Krumm

**Wooster:** Fox

**Youngstown:** Fawcett, Russell, Schmidt, Vagnozzi, Van Arnum, Youngstown Sheet & Tube Co.

## OKLAHOMA

**Bartlesville:** Burnham

**El Reno:** Hromada

**Foss:** Williams

**Frederick:** Zumwalt

**Okemah:** Harding

**Oklahoma City:** Bretz, Cunningham, Henderson, Herrmann, Schouten, Scott, Sherman Machine & Iron Works, Van Gilder

**Perry:** Daniels

**Ponca City:** Bennett

**Stillwater:** Smith, Stapley

**Tallant:** Jenkins

**Tulsa:** Cecil, Holway, McMurry, W. Dept.

## OREGON

**Ashland:** W. Dept.

**Astoria:** De Jong

**Baker:** Dept. of W. Fire & Sanitation

**Bend:** Drost

**Corvallis:** Gallagher, Merryfield

**Dallas:** Soehren

**Eugene:** Eugene W. Bd.

**Grants Pass:** Signor

**Hillsboro:** City of Hillsboro Utils. Com.

**Klamath Falls:** Finley

**Maplewood:** Hoffman

**Marshfield:** Chiene

**McMinnville:** McMinnville W. & Light Dept.

**Medford:** California Oregon Power Co., W. Com.

**Milton:** Kramer

**Multnomah:** Home W. Dist.

**Myrtle Point:** Gearhart

**Oswego:** Duis

**Pendleton:** Vaughan

**Portland:** Benedict, Boyle, Bur. of W.W., Charlton, Corey, Cunningham, Dodson, Fague, Gearhart, Gibson, Green, Hampton, Hanning, Hughes, Judson, Karr, Kipp, Koon, Lawrence, Morrow, Romig, Smith, Smithson, Stober, Strasser, Strudgeon, Thompson, Wagner, Willard

**Redmond:** Heighes

**Salem:** Salem W. Com.

**Silverton:** McCleary

**Tillamook:** Berkey

**Toledo:** French

**West Linn:** Volpp

**Woodburn:** Kleinsmith

## PENNSYLVANIA

**Abington:** Gilbert

**Aliquippa:** Moore

**Allentown:** Allentown Bur. of W., Krum

**Ambler:** Keasbey & Mattison Co., Tech. Assn. Pulp & Paper Ind.

**Ambridge:** W. Dept.

**Aspinwall:** Drake

**Beaver Falls:** Chandley

**Bellevue:** Barton

**Berwick:** Multiplex Mfg. Co.

**Bethlehem:** Bethlehem Steel Co., City of Bethlehem, Moorman

**Brackenridge:** Affrica

**Braddock:** Dillon

**Bradford:** Boncher, Dresser Mfg. Co., Stewart

**Bristol:** Roberts

**Bryn Mawr:** Davis, Jenkins, Philadelphia Surburban W. Co., Shull

**Burgettstown:** Columbia

**Butler:** Kelley, Kurtz

**Cambridge Springs:** Devore

**Carbondale:** McMullen

**Chambersburg:** Mowrey

**Chester:** Dodd, Haywood

**Chestnut Hill:** Sheen

**Coatesville:** Emigh

**Clearfield:** Nevling

**Coraopolis:** Harriger

**Donora:** Gouger

**Downingtown:** Wagner

**Du Bois:** Bur. of W., Warren

**Easton:** Johnson

**Emaus:** Donaldson Iron Co.

**Emporium:** Emporium W. Co.

**Erie:** Hays Mfg. Co., Lechner, Palmer

**Ford City:** Wintgens

**Freeport:** McDivitt

**Gallitzin:** Maxwell

**Glen Rock:** Lutz

**Greensburg:** Crownover, Morgan, Welsford

**Greenville:** Masters

**Grove City:** Breckenridge

**Harrisburg:** Berry, Craig, Daniels, Gannett, Glace, Matter, Moses, Strickler

**Hazleton:** McGeehin

**Honesdale:** Williams

**Indiana:** Pharaoh

**Jenkintown:** Whitcomb

**Jersey Shore:** Jones

**Johnsonburg:** Gray

**Johnstown:** Byers, Hagins, Kunkle, Ogborn

**Kittanning:** Bowser, Turping

**Lancaster:** Abraham, Goodell

**Langhorne:** Stompler

**Lebanon:** McAdam

**Lemoyne:** Buttler

**Manoa:** Glover

**McKeesport:** McNutt, Trax

**Meadville:** Ellsworth, Young

**Media:** Johnson

**Mertztown:** Atlas Mineral Products Co. of Pa., Wirtz

**Milton:** Dowdell

**Minersville:** Munic. Authority of the Borough of Minersville

**Mt. Union:** Diven

**Natrona:** Knight

**Nazareth:** Flory

**New Brighton:** Goehring

**New Castle:** Johnson, Mathews

**New Kensington:** Griffiths

**North East:** Hutchinson

**Northampton:** De Groot, Fulmer

**Oil City:** Oil City Bur. of W.

**Philadelphia:** Am. W. Softener Co.
Baker, E. L. Bean, G. L. Bean, Becker, Beltz, Betz, Boardman, Borden, W. A. Briggs Bitumen Co. Inc.
Coltart, Corin, Crawford
Daugherty, Day & Zimmermann Inc.
Friel
Gill, Goff, Greer
Hardin, Haydock, Hedgepeth
Ickler
Joos
Kerr
Lawrence, Leadite Co. Inc.
McKay, McLaughlin, McNeill, Moerk, Morris, Mowry, F. J. Myers, R. J. Myers
Nelson
Ozone Processes Inc.
Pennsylvania Salt Mfg. Co., Perkins
Read, Ridenour, Roberts Filter Mfg. Co., Rudd
Schaut, Simplex Valve & Meter Co., Strockbine
Thompson, Turner

U.S. Pipe & Fdry. Co.
Van Loan, Van Zandt
Waters, Welch, Weston, Wood, R. D. Wood Co.

**Philipsburg:** Rumberger

**Pittsburgh:** Bankson, Baton, Beckwith, Boyles, A. M. Byers Co.
Calgon Inc., Campbell, Chester, Crenshaw
Davis, Diamond Alkali Co., Donnan, Dotterweich
Gleeson, Golden-Anderson Valve Specialty Co.
Hendrickson, Hoak
Jacobs, Johnson
Kennon, Kleber, Kneeland
Linderman, Lynn
Mansfield, McCrory, Mellon, Murdoch, Myron
National Tube Co.
Ohio Salt Co.
Pace, Pittsburgh Equitable Meter Co., Pittsburgh-Des Moines Steel Co.
Redington, Reinhold, Revelle, C. W. Rice, J. M. Rice, O. Rice, Rockwell, Rohde
Sauereisen, Scheinert, Sellers, Snyder Weidlein

**Pottstown:** Grubb

**Pottsville:** Clayton

**Reading:** Boas, Chubb, Duncan, Heine, Leh, Merkel, O'Reilly, Reading Bur. of W., Sperry

**Rockwood:** Stewart

**Roulette:** Gray Chem. Co., Twining

**Sayre:** Sayre W. Co.

**Schuylkill Haven:** Elding

**Scottsdale:** Tyler

**Scranton:** Howe, Lyle, Scranton-Spring Brook W. Serv. Co., Taylor

**Selinsgrove:** Eyer

**Sewickley:** Comrs. of W.W.

**Shamokin:** McWilliams

**Sharon:** Hennings, McBride, Shenango Valley W. Co.

**Sharpsburg:** Farbacher

**Smethport:** Oviatt

**Somerset:** Pile

**Springdale:** Baker

**State College:** Gulden, Mavis, Turner, Walker

**Tarentum:** Jackson

**Tyrone:** Hassler, Laughlin

**Uniontown:** Farson

**Verona:** Hayden, Suburban W. Co.

**Washington:** Braman, Buchanan, Newton

**Waynesboro:** Shank

**West Conshohocken:** Connor

**West Lawn:** Keiser

**Wilkinsburg:** Adams, Fox

**Williamsport:** Barrick, Darling Valve & Mfg. Co., Keliher

**Wynnewood:** Freeburn

**York:** Kable, S. Morgan Smith Co.

## RHODE ISLAND

**Bristol:** Carns

**Providence:** Builders-Providence Inc., Dillon, Proportioneers Inc., Richardson, Shea, W. Supply Bd.

**Rumford:** Turner

## SOUTH CAROLINA

**Abbeville:** Townsend

**Aiken:** Sudlow

**Anderson:** Swittenberg

**Bennettsville:** Parks

**Camden:** Tobin

**Charleston:** Comrs. of Pub. Works, Gibson, McDowell, Parker Lab.

**Chesnee:** Marquis

**Chester:** McLure

**Clemson:** Watson

**Columbia:** Barber, Jacobs, Kolb, Tomlinson, White

**Dillon:** Davis

**Easley:** Rogers

**Gaffney:** Gaffney

**Georgetown:** Heselden

**Greenville:** Armstrong, Blackwelder, Buzzard, Floyd, Hawkins, Murray, Perry, Smith

**Greenwood:** Chapman

**Greer:** Lanford, Lawing

**Laurens:** Lovejoy

**Lyman:** Bright

**Newberry:** Schumpert, Wise

**Orangeburg:** Johnstone, Pearson

**Parr:** Regenfuse

**Rock Hill:** Cranford, Lesslie

**Saluda:** Setzler

**Spartanburg:** Simms, White

**Summerville:** Moorer

**Sumter:** Ellis, Randle

**Union:** Howe

**Winnsboro:** Meng

## SOUTH DAKOTA

**Aberdeen:** Wells

**Mitchell:** Holst, Mather

**Pierre:** Mathews

**Sioux Falls:** Connor, Rees, Sioux Falls W.W.

**Sturgis:** Davenport

**Vermillion:** Ohlmacher

## TENNESSEE

**Alcoa:** Bristol

**Ashland City:** Barker

**Bristol:** City of Bristol

**Camden:** Holladay

**Chattanooga:** Bork, Lofton, Morrison, Porzelius, Shawver, Stromquist, Swearingen

**Clarksville:** Cunningham, Kleiser

**Columbia:** Williamson

**Cookeville:** Collier

**Crossville:** Brady

**Dyersburg:** Blakeman

**Elizabethton:** Jessee

**Erwin:** Brown

**Etowah:** Cantrell

**Fountain City:** Brickey, Murphy

**Gleason:** Rucker

**Greeneville:** McAmis

**Jackson:** Gasell

**Kingsport:** King, Tennessee Eastman Corp.

**Knoxville:** Bolieau, Clouser, Fleming, Kavanagh, Knoxville Elec. Power & W. Bd., Quinn, Stephenson

**Madison:** Madison Suburban Util. Dist. of Davidson County

**Martin:** Biggs

**McMinnville:** Womack

**Memphis:** Hoshall, Layne & Bowler Inc., Memphis Light Gas & W. Div., Seay, Stanfield, Tuggle

**Murfreesboro:** Lovell

**Nashville:** Farrell, Fry, Holman, Lawrence, Lewis, Morton, Johnson, H. C. Saindon, P. C. Saindon, Schmidt

**Old Hickory:** Eldridge

**Paris:** Howell

**Signal Mt.:** Guthrie

**Watts Bar Dam:** Fletcher

## TEXAS

**Abilene:** Newland

**Amarillo:** Moss

**Austin:** Connell, Davis, Ehlers, Graves, Green, Schoch, Turner, Zentner

**Ballinger:** Northington

**Beaumont:** Bernhagen, Tudor, Vieno

**Big Spring:** McDaniel

**Cisco:** Kilpatrick

**Corpus Christi:** Central Power & Light Co., City of Corpus Christi, Cunningham, Dietz

**Dallas:** Baker, Billings, Brown, Connell, Crossman, DeHone, Dixon, Forrest, Fowler, Hanlon, Hoefle, Hunter, Morey, Myers, Puckhaber, Rosenthal, Smith, Southern Alkali Corp., Taylor, J. B. Winder, N. G. Winder

**Denison:** Brenneke, Webb

**El Paso:** Hinyard, W. Dept.

**Fort Worth:** Consolidated Chem. Industries Inc., Freese, Mahlie, McArthur, Porter, Quigley, Robinson, Well Machinery & Supply Co.

**Freeport:** Axelrad

**Fritch:** Hammerschmidt

**Galveston:** Thornton

**Henderson:** Horner

**Houston:** Bakke, Bock, City W. Dept., Elrod, Estes, Fugate, Harvill, Hughes, Jensen

**Kilgore:** Collins

**Lamarque:** Paulus

**Laredo:** Umbenhauer

**Lubbock:** Decker, Texas Tech. College Library

**Lufkin:** Carpenter

**McCamey:** Coulter

**Midland:** Cole

**Mineral Wells:** City W.W.

**Newgulf:** Texas Gulf Sulphur Co. Inc.

**Paris:** Hicks

**Plano:** Steenson

**Port Arthur:** Swanson

**San Antonio:** Bartlett, City W. Bd. of San Antonio, Helland, Pearl

**South San Antonio:** Harding

**Sweetwater:** Duckett

**Texas City:** Pan Am. Refining Corp.

**Tyler:** Lloyd

**Uvalde:** Evans

**Waco:** Abrams, Gooch, Rohan

**Wichita Falls:** Dickson, Ward

## UTAH

**Ogden:** Irwin

**Provo:** Newell, Pacific States Cast Iron Pipe Co.

**Salt Lake City:** Arnold, Painter, State Dept. of Health, Salt Lake City Corp. W. Dept.

## VERMONT

**Burlington:** Moat, Rickard

**Manchester Center:** Marsden

## VIRGINIA

**Alexandria:** Lamond

**Arlington:** Atkinson, Engle, Gardner, Lundberg, Seufer, Stanley

**Ashland:** Hartsook

**Blacksburg:** McGauhey

**Bristol:** City of Bristol

**Charlottesville:** Wallace

**Danville:** Brantly, Johnson

**Denbigh:** Pharr

**Fairfax:** Corbalis

**Falls Church:** Anderson

**Fort Belvoir:** Keatley

**Fredericksburg:** Wilson

**Galax:** Stockner

**Harrisonburg:** Myers

**Lawrenceville:** Hayes

**Lexington:** Boykin, Hanes, Rice

**Lynchburg:** Capron, Glamorgan Pipe & Fdry. Co., Glenn, Lynchburg Fdry. Co., Odor, Russell, Snead, Spencer, Wagner, Wilson

**McLean:** Tetzlaff

**Newport News:** Dugger, Harman

**Norfolk:** Fitzgerald, Herbert, Hoffman, Kegebein, Layne-Atlantic Co.

**Orange:** Knoell

**Portsmouth:** Murden

**Richmond:** Am. Tobacco Co., Baldwin, Bardwell, Bingley, Blankenship, East Coast W. Co., Henderlite, Leveque, Lordley, Meredith, Messer, Phillips, Phipps & Bird Inc., Royer, Ruehl, Siebert, Silcox, Smith, Snidow, Snyder, Strother, Thomas, Trimble

**Roanoke:** Crockett, Kavanagh, Moore, Taylor

**Salem:** Massey

**Williamsburg:** Schaefer

**Winchester:** Grant

## WASHINGTON

**Aberdeen:** Watkins

**Auburn:** Gosney

**Bellingham:** Byron, Campbell, Gooch, Howard, Melbo, Seeger, Tenney, W. Dept.

**Bremerton:** Casad, Green, McKinstry

**Camas:** Smith

**Cashmere:** Jarvis

**Cheney:** Chambers

**Colfax:** Chase

**Dayton:** Bamford

**Ellensburg:** W. Dept.

**Enumclaw:** Morgan

**Ephrata:** Blanchard

**Everett:** Everett W. Dept.

**Fort Lewis:** Flannery

**Goldendale:** Wilson

**Hoquiam:** Heermans, Lovejoy

**Kelso:** Thornton

**Kent:** Rod

**Longview:** Labsap

**Lynden:** Knittel

**Menlo:** Hazen

**Mount Vernon:** White

**Okanogan:** Van Liew

**Olympia:** Williams

**Omak:** Hubbert

**Oroville:** Le May

**Pasco:** McGhee

**Port Angeles:** Breitenbach, Dodge

**Pullman:** Nelson, Snyder

**Raymond:** Buckingham

**Renton:** Morrison

**Seattle:** Adams, Botten, Bow, Campbell, Cook, De Waissey, Ebright, Federal Pipe & Tank Co., Fowler, Gibson, Hallgren, Harris, Hill, Hydraulic Supply Mfg. Co., Johnson, Lindsey, Marckmann, H. I. Miller, R. Miller, Mills, Murray, Osborne, Parker, Parks, Purcell, Schunke, Seattle W. Dept., Tangney, Tyler, Wartelle

**Shelton:** Brewer, Eck

**Snohomish:** Lysons

**Spokane:** City of Spokane, Erickson' Hedman, James, Jones, Judd, Leaver' Washington W. Power Co.

**Steilacoom:** Harlock

**Sumner:** Coffman

**Tacoma:** Crosby, Erickson, Harstad, Hooker, Kunigk, Larson, Shaneman, Smith, Stenger

**Vancouver:** City of Vancouver

**Walla Walla:** McLean

**Wenatchee:** Dunstan, Hickcox

**Yakima:** Gilman, Jensen

## WEST VIRGINIA

**Alderson:** Straight

**Alloy:** Topham

**Beckley:** Farmer, Kelley

**Benwood:** Davis

**Bluefield:** Rhoads

**Charleston:** Baker, Blair, Cheshire, Cox, Gidley, Harrington, Haynes, Hetzer, MacDonald, McCall, McLaughlin, Moses, Musser, Nally, Pub. Serv. Com. of W.Va., Staub, Thorson, Veader, Watson

**Chester:** Young

**Clarksburg:** Boynton, Highland

**Clendenin:** Cantley

**East Rainelle:** Hall

**Fairmont:** Buchanan, Kirchman, Louden

**Huntington:** Dale, Dwyer, Edwards, Jones, Keeler, Laudemann

**Kenova:** Cramer

**Keyser:** Blundon

**Logan:** Pure Water Co. Inc.

**Madison:** Millar, Whitlock

**Matewan:** Smith

**Morgantown:** Hodge, Speiden

**Moundsville:** Hetzer

**New Cumberland:** Parsons

**Oak Hill:** Holy

**Paden City:** Kraus

**Parkersburg:** Underwood

**Piedmont:** Eger, Richards

**Princeton:** Leshkow

**Richwood:** Smith

**Shepherdstown:** Waldeck

**Sistersville:** Hammel

**Spencer:** Payne

**Vienna:** Justus

**Weirton:** Simmons

**Welch:** Allevato, Clark

**Wellsburg:** Morgan

**Weston:** Coger

**Wheeling:** Todd

**Williamson:** Offutt, Offutt Jr.

**Williamstown:** Boyd

## WISCONSIN

**Algoma:** Storm

**Antigo:** Jackson

**Appleton:** Dimick, Gallaher

**Ashland:** Snow

**Beaver Dam:** Munic. W. Dept. of Beaver Dam

**Beloit:** Febry

**Burlington:** Degen

**Clintonville:** Lyon

**Columbus:** Roob

**Cudahy:** Totka

**Delavan:** Delavan W. Com.

**Eau Claire:** Brown

**Elkhorn:** Elkhorn Light & W. Com.

**Evansville:** Cary

**Fond du Lac:** City W. Dept.

**Green Bay:** Green Bay W. Dept.

**Janesville:** Griffey

**Juneau:** Kadinger

**Kaukauna:** Weckwerth

**Kenosha:** Kenosha W. Dept.

**Kimberly:** Rothchild

**La Crosse:** Barth, Murphy

**Lake Geneva:** O'Neill

**Madison:** Baker, Bruden, Domogalla, Gauer, Kirchoffer, Mead, Muegge, Nichols, Shoemaker, Smith, Thiessen, Walton, Ward, Warrick, Wirth, Woodburn

**Manitowoc:** Cannard, Staeffler

**Marshfield:** Kipp

**Menasha:** Kuester, McMahon

**Milwaukee:** Allis-Chalmers Mfg. Co., Badger Meter Mfg. Co., Bohmann, Brown, Chain Belt Co., Cunliffe, Cutler-Hammer Inc., Dummer, Galloway, Gruetzmacher, Ihling, Kerslake, Klebenow, Moore, Rogers, Rynders, Schmitt, Schwada, Smith, Thomas, Town of Lake W. Util. Bd., Voelker, Windfelder, Wright

**Neenah:** Neenah City W.W.

**Neopit:** Bibelhausen

**Oconomowoc:** Oconomowoc W. Dept.

**Oshkosh:** Eichinger, Hintz, Messerschmidt, Schneider

**Plymouth:** McGuire

**Portage:** Bryan

**Racine:** McCarthy, Peirce, Quimby

**Shawano:** Page

**Sheboygan:** Donohue, Bd. of W. Comrs., Zufelt

**Sheboygan Falls:** Langner

**South Milwaukee:** Stosick

**Stevens Point:** Somers

**Stoughton:** Dahle

**Sturgeon Bay:** Johnson

**Superior:** Corine

**Two Rivers:** Tomek

**Watertown:** Reichardt

**Waukesha:** Kuranz

**Waupun:** Towne

**Wausau:** Leistikow

**Wauwatosa:** Henke

**Whitewater:** Drewry

**Wisconsin Rapids:** Steib

## WYOMING

**Casper:** City of Casper

**Cheyenne:** Baldwin, Watson, Williams

**Gillette:** Streeter

**Parco:** Breniman

**Rawlins:** Davis

**Rock Springs:** Darling

# CANADA

## ALBERTA

**Calgary:** Mills, Randle, Robinson

**Camrose:** Eby

**Claresholm:** Amundsen

**Drumheller:** Travis

**Edmonton:** City of Edmonton, Menzies, Watson

**Wetaskiwin:** Maggs

## BRITISH COLUMBIA

**New Westminster:** City of New Westminster

**Vancouver:** Allen, Belyea, Brakenridge, Cleveland, General Utils. Co. Ltd., Perry, Rome, Tessier

**Vernon:** Tassie

**Victoria:** Bowering, Irwin

**West Vancouver:** Richardson

## MANITOBA

**Winnipeg:** Brickenden, Cameron, Foggie, Hurst, Keeping, Lindsten, Main, Scott

## NOVA SCOTIA

**Halifax:** McKay, Nova Scotia Bd. of Insurance Underwriters

**Kentville:** Wightman

**Truro:** Gordon

## ONTARIO

**Aylmer:** McBrien

**Amherstburg:** Bernard, Wilson

**Barrie:** Pub. Utils. Com.

**Belleville:** Pub. Utils. Com.

**Bowmanville:** Chase

**Bracebridge:** Ball

**Brampton:** Brampton W. Com.

**Brantford:** Gibbons, Jordan, Patterson, Pub. Utils. Com., Roberts

**Brockville:** Farquharson

**Burlington:** Edwards

**Campbellford:** Denyes

**Carleton Place:** Rogers

**Chatham:** Carter, Chatham Bd. of W. Comrs.

**Chesley:** Grabb

**Cobourg:** McIntosh

**Cochrane:** Oke

**Collingwood:** Bull

**Cooksville:** Maxwell

**Cornwall:** Magwood

**Deseronto:** Pub. Utils. Com.

**Dresden:** Town of Dresden

**Dundas:** Wright

**Dunnville:** Pub. Utils. Com.

**Elmira:** Bowman

**Essex:** Truesdale

**Exeter:** Lampman

**Fergus:** Cunningham

**Fonthill:** Witherington

**Forest:** Ellerker

**Fort Erie:** Barton, Gray

**Fort William:** Symes

**Galt:** Cuthiell

**Gananoque:** Gananoque W.W. Com.

**Goderich:** Kelly

**Guelph:** City of Guelph

**Hamilton:** Darling, Matheson, McFaul, Marsh, Veale

**Hawkesbury:** Wang

**Hespeler:** Meyer

**Huntsville:** Soden

**Ingersol:** Hall

**Islington:** Township of Etobicoke

**Kenora:** Hooper

**Kingston:** Baty, Jack, Utils. Com.

**Kingsville:** Sherman

**Kirkland Lake:** Spellman, Township of Teck

**Kitchener:** Kitchener W. Com., Pequegnat

**Leaside:** Burgess

**Lindsay:** O'Leary

**Listowel:** Hanna

**London:** Buchanan, Charles, Dilworth, Hodkinson, McManamna, Pub. Utils. Com., Wilson

**Long Branch:** Randall

**Meaford:** Brown

**Merritton:** Pub. Utils. Com.

**Midland:** Midland Pub. Utils. Com.

**Napanee:** Dafoe

**New Liskeard:** Sutcliffe

**New Toronto:** Berner, Pub. Utils. Com.

**Newmarket:** W. & Light Com.

**Niagara Falls:** Acres, Pringle, Warder

**North Bay:** City of North Bay

**Orangeville:** Fendley

**Orillia:** Orillia W. Light & Power Com.

**Oshawa:** Oshawa Pub. Utils. Com.

**Ottawa:** Ferguson, Lawson, Leverin, MacDonald, McIntyre, Stockwell, Wight

**Owen Sound:** Neath, Waddell

**Palmerston:** Forster

**Paris:** Paris Pub. Utils. Com.

**Parry Sound:** Thomas

**Pembroke:** Howe

**Perth:** Smith

**Peterborough:** Dobbin, Harrison, Peterborough Utils. Com.

**Petrolia:** Weaver

**Pickering:** McLean

**Picton:** Tait

**Port Arthur:** Flook

**Port Colborne:** Grassie

**Port Credit:** Parkinson

**Port Dalhousie:** Hare

**Port Hope:** Port Hope W.W. Com.

**Port Stanley:** Guttridge

**Prescott:** Dowsley

**Preston:** Preston Light & W. Com. on Pub. Utils.

**St. Catherines:** McKay, McPhail

**St. Marys:** St. Marys Pub. Utils. Com.

**St. Thomas:** Miller, St. Thomas Pub. Utils. Com.

**Sarnia:** Hall

**Sault Ste. Marie:** Cornell

**Seaforth:** Pub. Utils. Com.

**Simcoe:** Pub. Utils. Com., Stalker

**Smiths Falls:** Mayhew

**South Porcupine:** Anderson

**Southampton:** Calder

**Stratford:** Manson

**Strathroy:** Pub. Utils. Com.

**Streetsville:** Davidson

**Sudbury:** Martindale

**Tavistock:** Pub. Utils. Com.

**Tecumseh:** Arbour

**Tilbury:** Tilbury Pub. Utils. Com.

**Tillsonburg:** Pub. Utils. Com.

**Timmins:** Corp. Town of Timmins

**Toronto:** Allan, Angus
Berry, Bond, Brown
Cable, Canadian Engr. Publications
East York Township
Forest Hill W.W. System
Gass
Harris, Hitchman, Howard
Jacklin, Johnston
Kinney
MacLaren, McDonald, McRae, McWilliams, Mills, Mimico Pub. Utils. Com.,
Morgan
Paisley, Potter, Proctor
Redfern, Reid, Routledge, Russell
Sanderson, Scarborough Pub. Utils. Com., Stewart, Stinson, Storrie
Thompson, Toronto Dept. of Works
Van Benschoten
Walker, Wilkes, Woolidge
York Township

**Wallaceburg:** Bennett

**Waterloo:** Hertel

**Watford:** Fuller

**Welland:** Bd. of W. Comrs.

**Weston:** Peirson

**Wheatley:** Chute

**Whitby:** Whitby Pub. Util. Com.

**Willowdale:** Township of North York

**Windsor:** Armstrong, Hanna, Keith, Kellner, Strickland, Windsor Utils. Com.

**Woodstock:** Sullivan

### PRINCE EDWARD ISLAND

**Charlottetown:** Matheson

### QUEBEC

**Chicoutimi:** Proulx

**Dorval:** Gouin

**Grand'mere:** Villemure

**Lachine:** Deslauriers

**Montreal:** Bird-Archer Co. Ltd., Borgford, Cyr, Doig, Dorrance, Fairbairn, Hill, Hunter, Hutchison, Lafreniere, Lea, McCrady, Meadows, Plamondon, Simard, Tomlinson, Williamson

**Quebec:** Plamondon, Pub. Serv. Bd., Tremblay

**Shawinigan Falls:** Dorion

**Sherbrooke:** Crepeau

**Temiskaming:** Grimmer

**Trois-Rivieres:** Dufresne

**Valleyfield:** Belanger

**Verdun:** Des Baillets, Hadley, Harrington

### SASKATCHEWAN

**Moose Jaw:** Fawkes

**Regina:** Hainstock, Regina W.W. Dept., Schaeffer

**Saskatoon:** Underwood

**Swift Current:** Ashford

**Yorkton:** Jackson

## CUBA

**Caibarien:** Bergnes

**Camaguey:** Everett

**Cardenas:** Asunsolo

**Cienfuegos:** Perez, Torriente

**Guantanamo Bay:** Daple

**Havana:** Bango, Bequer y Herrera, Calcavecchia, Corvison, Cia de Acueducto de Cuba, Cosculluela, Daniel, de Goicoechea, De Sena, Docal, Echarte y Romero, Fernandez y Simon, Garcia-Montes, Giquel, Granda y Deben, Latour y Ollivier, Machado, R. A. Martinez, S. S. Martinez, Miguel, Montoulieu, Morales, Nunez, Olive, Pedroso y Montalvo, Puente, Santana, Simon, Thomson, Trelles, Roig, Vallee, Victory, Villa,

**Matanzas:** Jordan

## OTHER THAN UNITED STATES, CANADA AND CUBA

### ALASKA

**Juneau:** Nasi

**Ketchikan:** Carlson

### ARGENTINE REPUBLIC

**Buenos Aires:** Besselievre, Lockwood, Obras Sanitarias de la Nacion, Paitovi

**Rosario:** Buchanan, Lasso

### AUSTRALIA

**Burnley:** Bowen

**Melbourne:** Martin, Melbourne & Metropolitan Bd. of Works, O'Nial, Ritchie, Smith

**Mildura:** Hughes

**Queensland:** Simmonds

**Sydney:** Nicol

**Willoughby:** Murray

### BRAZIL

**Rio de Janeiro:** de Brito

**Santos:** Stavrowsky

### BRITISH WEST INDIES

**Jamaica:** Kirkpatrick

### CANAL ZONE

**Balboa:** Hatch

**Cristobal:** Dunn

**Diablo Heights:** Kent

### CHINA

**Shanghai:** Rial

### COLOMBIA

**Barranquilla:** Armstrong

**Bogota:** Bruhn, De Narvaez, Guerrero, de Santamaria, Noguera

### COSTA RICA

**San Jose:** Picado

### DENMARK

**Copenhagen:** Jarvis

### ENGLAND

**Bournemouth:** Moon

**Harrow:** Waddington

**London:** Barham, Cook, Dagley, Howland, Liffen, Moir, Paterson

**Manchester:** Hallam

**Staines:** Palmer

**Wolverhampton:** Page

### FEDERATED MALAY STATES

**Kuala Lumpur:** McDiarmid

### FRANCE

**Correze:** Paul

**Montrouge:** Pain

### GUATEMALA

**Guatemala City:** Cia del Agua del Mariscal

### HAWAII

**Hilo:** McMorrow

**Honolulu:** Bd. of W. Supply, Hawaiian Pineapple Co. Ltd., Tay

### HUNGARY

**Budapest:** Vojcsik

### INDIA

**Calcutta:** Deo, MacGregor

**Manbhum:** Aga

### ITALY

**Bergamo:** Rocca

### MEXICO

**Chihuahua:** Valenzuela

**Mexico City:** Banco Nacional Hipotecario Urbano y de Obras Publicas, Cornejo, Gama, Holste, Villa-Acosta, Zapata

**Obregon:** Molina

**Veracruz:** Alarcon

### NEW ZEALAND

**Dunedin:** Scoular

### PHILIPPINE ISLANDS

**Manila:** Metropolitan W. Dist., Perlas

### PUERTO RICO

**San Juan:** Ortega

**Santurce:** Snow

### PORTUGAL

**Lisbon:** Garcia

### SCOTLAND

**Dundee:** Fulton

**Edinburgh:** Baxter

**Monkton:** Ball

### STRAITS SETTLEMENTS

**Singapore:** Murnane

### SWEDEN

**Göteborg:** Göteborgs Vattenledningsverk

**Hälsingborg:** City W. Dept.

**Malmö:** Malmö Stads Vatten- och Avloppsverk

**Stockholm:** Von Greyerz

### URUGUAY

**Montevideo:** Altoberro

### VENEZUELA

**Caracas:** Ayala H., Blanch G., Bunker, Hurtado, Klindt B., Leon D., Lilue, Lozada, Lugo, Martinez-Ponte, McCarthy, Perez Guerra, Rodriguez P., Rodriguez-Vicentini, Stolk, Vicentini G.

**Dos Caminos:** Acevedo-Quintana

**Valera:** Uban

# DIRECTORY OF COMMITTEES

## *as of May 1, 1942*

## GENERAL COMMITTEES

### EXECUTIVE COMMITTEE OF THE DIRECTORS

Louis R. Howson, *Chairman*
Linn H. Enslow
Wm. W. Brush
John A. Kienle
Warren J. Scott

### GENERAL POLICY COMMITTEE

*Representing, A. W. W. A.*

Norman J. Howard, *Chairman*
Louis R. Howson
Reeves Newsom
Eugene F. Dugger
J. Arthur Jensen

*Representing W. W. Mfrs. Assn.*

John A. Kienle
Denis F. O'Brien

This is a standing committee charged with the duty of formulating basic policies of the Association with regard to the field and extent of its activities, the development of Local Sections and a number of other broadly related and fundamental subjects.

### PUBLICATION COMMITTEE

Linn H. Enslow, *Chairman*
Wm. W. Brush
Edgar J. Buttenheim
Chas. A. Capen, Jr.
W. W. DeBerard
Roger W. Esty
Raymond Faust
Louis R. Howson
Samuel B. Morris
H. S. Morse
Reeves Newsom
Wm. J. Orchard
Malcolm Pirnie
Geo. J. Rohan
W. Victor Weir
Abel Wolman
Harry E. Jordan (*Ex officio*)

This committee plans the annual meeting program and has general control of all publications.

## CONSTITUTION AND BY-LAWS COMMITTEE

Ross L. Dobbin, *Chairman*
Eugene F. Dugger
Roger Esty
Harry E. Jordan

This committee considers and gives recommendations as to desired amendments to the Constitution or By-Laws of the Association. It also passes upon all new By-Laws, or amendments to the By-Laws, of Divisions and Sections of the Association.

## HONORARY MEMBERSHIP COMMITTEE

*(1942)*

Abel Wolman, *Chairman*
Louis R. Howson
Norman J. Howard

This is a committee of the Directors. It makes recommendations for election to Honorary Membership in the Association. It usually is made up of the President and the last two Past Presidents.

## THE JOHN M. DIVEN MEMORIAL MEDAL COMMITTEE

*(1942)*

Malcolm Pirnie, *Chairman*
Linn H. Enslow
Mathew M. Braidech
G. L. Fugate
Geo. F. Hughes

This committee makes recommendation to the Directors concerning the award of the Diven medal. It consists of the chairmen of the Water Works Practice and Publication Committees and the past chairman of each of the three Divisions.

## THE JOHN M. GOODELL PRIZE COMMITTEE

*(1942)*

Wm. L. Malcolm ('43), *Chairman*
Chas. G. Hyde ('44)
H. G. Baity ('45)

This committee makes recommendation to the Directors concerning the award of the Goodell prize. Each member serves three years.

## CONVENTION PLACE COMMITTEE

*Representing the A. W. W. A.*

Reeves Newsom, *Chairman*
J. Arthur Jensen
Norman J. Howard
Harry E. Jordan

*Representing the W. & S. W. Mfrs. Assn.*

Karl M. Mann
Denis F. O'Brien
Willard F. Rockwell

This committee makes recommendation to the Directors concerning the location and date of the Association's annual meeting.

## CONVENTION MANAGEMENT COMMITTEE

*Representing the A. W. W. A.*

Wm. J. Orchard, *Chairman*
Reeves Newsom
W. W. DeBerard

*Representing the W. & S. W. Mfrs. Assn.*

Clinton Inglee
Arthur T. Clark

*Ex Officio*

Louis R. Howson, *Pres., A. W. W. A.*
Harry E. Jordan, *Secy., A. W. W. A.*
Linn H. Enslow, *Chr., Publ. Comm. A. W. W. A.*
Denis F. O'Brien, *Pres., W. & S. W. Mfrs. Assn.*
John A. Kienle, *Secy., W. & S. W. Mfrs. Assn.*

This committee is in charge of the management of all details of the Association's annual meetings except the program and the choice of location and date.

## COMMITTEE ON NATIONAL WATER POLICY

Abel Wolman, *Chairman*
Louis R. Howson
Theodore A. Leisen
Samuel B. Morris
Howard S. Morse

This committee is charged with the duty of observing the plans and actions of the Federal Government's National Resources Board and its allied groups and of representing the Association in any actions on subjects being considered by them.

## COMMITTEE ON SOCIAL SECURITY LEGISLATION

Dale L. Maffitt, *Chairman*
Roger Esty
W. C. Flanders
Leon A. Smith
Geo. C. Sopp

This committee, the organization of which was authorized in January, 1937, was formed for the purpose of following developments in Social Security Legislation and of keeping the Association informed on the subject.

## A. W. W. A. COMMITTEE ON DEFENSE

Louis R. Howson, *Chairman*
Boyd A. Bennett
Eugene F. Dugger
John A. Kienle
Abel Wolman
Harry E. Jordan

The function of this committe is to obtain accurate data concerning the materials and supply situation within the water supply field; to present the situation to the proper authorities in Washington and obtain such rulings as may be possible; and to transmit the information thus obtained to the water works management field.

## COMMITTEE ON MUNICIPAL WATER WORKS ORGANIZATION

W. R. LaDue, *Chairman*

H. H. Brown
H. L. Clark
O. E. Eckert
D. L. Erickson
G. L. Fugate
W. R. Gelston

J. A. Hickey
G. F. Hughes
J. Clark Keith
K. K. King
L. G. Lenhardt
Alex Lindsay
J. S. Longwell
A. K. Maddox
D. L. Maffitt
M. H. McGuire
Wm. P. Melley
E. L. H. Meyer
Chas. E. Moore
S. F. Newkirk, Jr.
L. A. Quigley
W. A. Peirce
Geo. J. Rohan
E. E. Smith
L. A. Smith
H. A. Van Norman

This committee was organized to study existing state laws and municipal ordinances, and to formulate principles relating to forms of management of municipal water works systems.

# WATER WORKS PRACTICE COMMITTEES

## COMMITTEE ON WATER WORKS PRACTICE

Malcolm Pirnie, *Chairman*
Frank A. Barbour
Chas. R. Cox
W. W. DeBerard
R. L. Dobbin
Arthur E. Gorman
Louis R. Howson
Wm. W. Hurlbut
Reeves Newsom, *Vice-Chairman*
W. R. LaDue
Dale L. Maffitt
Denis F. O'Brien
W. H. Weir
W. Victor Weir
Abel Wolman

The Committee on Water Works Practice is in responsible charge and control of all technical activities of the Association. Article IX, Section 2 of the By-Laws states: "Any resolution, report or publication which undertakes to establish in the name of the Association, or any of its Sections or Divisions, professional or technical standards, shall be submitted to this Committee, and it shall direct all such matters on behalf of the Association. It shall give notice by publication to the membership of all such proposed standards and report its approval or disapproval of such to the Board. It shall appoint such Sub-Committees as it may deem necessary to properly carry on its work."

There follows the list of projects which have been authorized and the Sub-Committees which have been organized to carry on the activities under the direction of the Committee on Water Works Practice.

If the title of the project is not followed by one or a series of names, no work has been undertaken. If a single name follows the title, that one person is an *adviser* upon the subject. Fully organized committees are indicated by listed personnel and description of the work in hand.

### COMMITTEE 1—BASIC WATER-WORKS DATA

Elson T. Killam, *Adviser*

### COMMITTEE 2—SURFACE WATER ALLOCATION

### COMMITTEE 3—SURFACE WATER COLLECTION

### COMMITTEE 4—GROUND WATER COLLECTION

Daniel W. Mead, *Adviser*

## COMMITTEE 4A—DEEP WELLS AND DEEP WELL PUMPS

J. Arthur Carr, *Chairman*
Stephen M. Dunn
Albert G. Fiedler
Robt. W. Harding
Angus D. Henderson
C. M. McCord
James C. Harding, *Co-Chairman*
W. W. Morehouse
O. J. Muegge
Marcel Pequegnot
Leon A. Smith
C. M. Stanley
Reeves Newsom, *Adviser*

This committee has been assigned the duty of developing standard specifications for the construction and testing of deep wells, as well as the purchase requirements for, and method of testing deep well pumps. Details such as alignment, plumbness, casing materials, general safety considerations, sterilization, testing, etc., will be included in the well specifications. Specifications relating to the purchase and acceptance testing of pumps will outline the information which should be furnished to the manufacturer by the purchaser and which should be furnished by the purchaser to the manufacturer. They will also include methods of testing after installation for purposes of determining the degree of conformance to the specifications.

## COMMITTEE 5—QUALITY AND TREATMENT

### COMMITTEE 5A—HISTORY OF WATER PURIFICATION

Moses N. Baker, *Chairman*

Mr. Baker is conducting an extensive research in this country and abroad in the preparation of a record of the developments which have led up to modern water treatment.

### COMMITTEE 5B—SAFE HANDLING OF WATER WORKS CHEMICALS

Marsden C. Smith, *Chairman*
Geo. H. Fenkell
Arthur E. Gorman
Frank E. Hale
Norman J. Howard
Linn H. Enslow
H. H. Gerstein
Ray F. Goudey
L. L. Hedgepeth
Harold S. Hutton
Winfield S. Mahlie

This committee is organized to study and report upon the methods of safe handling of chemicals used in water purification. [See page 00 for Specifications published.]

## COMMITTEE 6—POWER AND PUMPING

C. B. Burdick, *Adviser*

## COMMITTEE 7—TRANSMISSION AND DISTRIBUTION

### COMMITTEE 7A—STEEL PLATE PIPE

Wm. W. Hurlbut, *Chairman*

*Consumer Members*

Frank A. Barbour
Wm. W. Brush
Geo. H. Fenkell
Fred Morse Randlett
John F. Skinner
Thos. H. Wiggin

*Producer Members*

Russell E. Barnard
Geo. B. McComb
C. S. Patton

[See page *52* for list of specifications published.]

See listing of Joint Committees for reference to Joint Committee of A. W. W. A. and American Welding Society now in process of organization for the preparation of Specifications for Field Welding of Steel Water Pipe Joints.

### COMMITTEE 7B—REINFORCED CONCRETE PIPE

Malcolm Pirnie, *Adviser*

An emergency specification is now in development.

### COMMITTEE 7C—CAST IRON PIPE

The work which would ordinarily be undertaken by this sub-committee is being carried on by Sectional Committee A21, on Specifications for Cast Iron Pipe, Thomas H. Wiggin, Chairman. This is a joint committee organized under the procedure established by the American Standards Association and on which the American Water Works Association is represented. This com mittee is listed under Joint Committees.

### COMMITTEE 7D—LAYING CAST IRON PIPE

Wm. C. Mabee, *Chairman*
Clinton L. Bogert
E. T. Cranch
Frank Young Dorrance
Wm. W. Hurlbut
Samuel E. Killam
H. Lloyd Nelson
B. A. Poole
Geo. W. Pracy
Ralph W. Reynolds
Geo. Graham Routledge
Thos. J. Skinner
J. B. Winder

[See page *52* for specifications published ]

### COMMITTEE 7E—ASBESTOS-CEMENT PIPE

H. Arthur Price, *Adviser*

An emergency specification is now in development.

### COMMITTEE 7F—VALVES, SLUICE GATES AND FIRE HYDRANTS

Wm. R. Conard, *Chairman*
Harold W. Griswold
J. Arthur Jensen
Frank H. Stephenson

[See page *52* for specifications published.]

COMMITTEE 7G—LOCATION RECORDS AND MAINTENANCE OF MAINS AND SERVICES

W. Victor Weir, *Chairman*
Wm. G. Banks
Albert R. Davis
John C. Detweiler
Roger W. Esty
Maurice N. Gerardy
Harold B. Gotaas
Bard Livingstone
A. B. Manson
Frederick Ohrt
George Tatnall

The report of this committee was published in the Journal for February, 1940. Reprints of the report are available for 25¢ per copy.

COMMITTEE 7H—STEEL, STANDPIPES AND ELEVATED TANKS

Louis R. Howson, *Chairman*
H. O. Hill
J. O. Jackson
C. W. Obert
Jos. P. Schwada
H. A. Sweet
N. T. Veatch, Jr.

Mr. Howson is also chairman of a similar committee of the American Welding Society. In addition to Mr. Howson, the members of that committee are:

H. C. Boardman
H. O. Hill
J. O. Jackson
C. W. Obert
J. P. Schwada
H. A. Sweet
N. T. Veatch, Jr.

[See page *52* for specifications published.]

COMMITTEE 7I—PIPE LINE COEFFICIENTS

Clinton L. Bogert, *Chairman*
H. G. Acres
James E. Gibson
L. E. Goit
Reeves Newsom
George Norcom
Thos. J. Skinker
R. S. Weston
E. K. Wilson
Thos. F. Wolfe

Established in 1936, at the suggestion of the New England Water Works Association, this committee's purpose is to cooperate with that association in the preparation of a report covering a wider geographic field than was covered in the report of the New England committee.

COMMITTEE 7J—DISTRIBUTION SYSTEM SAFETY

Wm. E. Stanley, *Chairman*
A. E. Berry
C. K. Calvert
M. W. Cowles
F. M. Dawson
A. E. Gorman
R. F. Goudey
J. Arthur Jensen
W. R. LaDue
F. A. Marston
D. H. Maxwell
L. F. Warrick

This committee has as its scope the definition of the structural and sanitary hazards which may be encountered in the distribution of public water supplies and the determination of reasonable means of obtaining structural safety and the elimination of sanitary hazards.

The committee shall consider water for public supply from the point of its delivery to the filtered water clear well (or its equivalent), through connecting conduits, pump suction wells (or reservoirs), high service pumps and stations, distribution reservoirs, standpipes or elevated tanks and the distribution mains up to the consumer's meter.

There are excepted from the scope of the committee's activities the following topics: Power and pumping economics; specifications for steel pipe; specifications for cast-iron pipe and fittings; specifications for reinforced concrete pipe; specifications for laying cast iron pipe; specifications for valves and hydrants; specifications for asbestos-cement pipe; specifications for standpipes and elevated tanks; specifications for service line materials; specifications for meters; location records of mains and services; and methods of control of cross-connections.

A Tentative Manual of Safe Practice in Water Distribution is now in preparation.

### COMMITTEE 7K—CROSS-CONNECTIONS

E. Sherman Chase, *Chairman*
J. Walter Ackerman
Joel I. Connolly
M. W. Cowles
F. M. Dawson
Earl Devendorf
R. P. Farrell
H. E. Halpin
J. Arthur Jensen
W. Scott Johnson
W. J. Scott

This committee was organized for the purpose of correlating information concerning the control of cross connections. A report was published in the Journal for January, 1942. Further studies are now in progress.

### COMMITTEE 7L—FIRE PREVENTION AND PROTECTION

Chas. J. Alfke, *Chairman*
J. Walter Ackerman
Philip Burgess
E. F. Dandridge
Carleton E. Davis
Harry U. Fuller
D. D. Gross
L. W. Helmreich
Louis R. Howson
Frank C. Jordan
Dale L. Maffitt
Caleb Mills Saville
Jacob Schwartz
Leon A. Smith
Wm. Storrie

This committee is charged particularly with:

1. The promotion of an understanding on the part of water-works men, as well as on the part of the public, of the effect that fire protection facilities have upon the total amount of capital invested in public water supply projects.

2. Encouragement of the development of rational water rate structures which take into account the amount which should accrue in payment for fire protection.

3. The development of an understanding of a reasonable basis of charges for private fire protection and defense against unreasonable attacks upon these charges.

### COMMITTEE 7M—METERS

S. F. Newkirk, *Chairman*
Edw. V. Buchanan
James G. Carns
A. P. Kuranz
H. W. Niemeyer
H. V. Pedersen
Geo. Read
Geo. J. Rohan
Geo. C. Sopp
L. S. Vance
W. Victor Weir

Tentative Specifications for Cold Water Meters, Displacement Type, have been published. (See list of publications on page 00.) The committee has under consideration at the present time, Tentative Specifications for Current and Compound Meters.

### COMMITTEE 7N—ELECTROLYSIS AND ELECTRICAL INTERFERENCE

M. Warren Cowles
Chas. F. Meyerherm (*Sec'y. to Com.*)
Edw. E. Minor

This committee has been working on problems in connection with the electrolysis of water pipes, and in particular, on questions concerning the use of water pipes as a means of grounding electrical systems.

### COMMITTEE 7S—SERVICE LINE MATERIALS

Walter A. Peirce, *Chairman*
Frank C. Amsbary, Jr.
Paul D. Cook
Bernard W. Cullen
John C. Detweiler
Harry U. Fuller
Dwight D. Gross
E. E. Jacobson
R. H. Martindale
C. D. Moon
Reeves Newsom
H. V. Pedersen
Geo. W. Pracy
Edw. H. Ruehl
F. Albert Schaefer
R. J. Smith

This committee is charged with the review and recommendation for publication of specifications for copper, iron (wrought or cast), lead (etc.) tubing or pipe in sizes and weights suitable for water service lines.

The committee may also, to a limited extent, review and summarize current methods of installation of service lines.

### COMMITTEE 7T—RECOMMENDED DESIGN FOR VALVE BOXES AND COVERS, CURB STOP BOXES AND COVERS, AND METER BOXES AND COVERS

Frank C. Amsbary, Jr., *Chairman*
Sidney S. Anthony
T. J. Blair, Jr.
Hugh J. Carroll
Edgar W. Johnson
Geo. Graham Routledge
F. A. Schaefer
M. B. Whitaker

Development of recommended design for valve boxes and covers, curb stop boxes and covers, and meter boxes and covers.

### COMMITTEE 7U—RECOMMENDED STANDARDS FOR THREADS FOR UNDERGROUND SERVICE LINE FITTINGS

WM. W. BRUSH, *Chairman*

Committee now in process of organization for the development of standard specifications, or minimum requirements for threads for underground service line fittings.

### COMMITTEE 8—VALUATION AND DEPRECIATION

### COMMITTEE 9—RATES

### COMMITTEE 10—WATER CONSUMPTION

## WATER PURIFICATION DIVISION COMMITTEES

### COMMITTEE ON SPECIFICATIONS AND TESTS FOR WATER PURIFICATION CHEMICALS

MATHEW M. BRAIDECH, *Chairman*
R. C. BARDWELL
WILLIAM U. GALLAHER
GILBERT L. KELSO
WARREN A. KRAMER
WINFIELD S. MAHLIE
GEORGE R. SPALDING

This committee is charged with the preparation of standard specifications for chemicals used in water treatment and standard methods of analysis and/or acceptance testing of such materials. The committee may develop analytical and testing methods or it may, if it elects, accept for the A. W. W. A. (as standard) methods of analysis and/or testing which have been developed by other organizations. Excluded from the scope of this committee are specifications and testing methods for treatment materials not consumed by single use, such as granular activated carbon and zeolites.

### COMMITTEE ON SPECIFICATIONS FOR AND METHODS OF TESTING ZEOLITES

D. E. DAVIS, *Chairman*
GEO. D. NORCOM
H. M. OLSON
S. T. POWELL
M. C. SCHWARTZ
M. J. SHOEMAKER

*Technical Advisory Committee*

A. S. BEHRMAN
E. S. HERTZOG
F. K. LINDSAY
O. J. RALSTON
H. L. TIGER
FRED. J. MYERS

This committee succeeded the committee set up to develop specifications for base-exchange zeolites. Its duty is the development of specifications for and methods of acceptance testing of base and acid exchange type zeolites. The final report of the committee is now in preparation.

## COMMITTEE ON PERMISSIBLE LOADINGS AND CAPACITIES OF WATER TREATMENT PLANTS

A. Clinton Decker, *Chairman*
Clarence Bahlman
Douglas Feben
S. G. Frank Haas
James E. Kerslake
Vance C. Lischer
George M. McBride
Arthur F. Mellon
Chas. H. Spaulding

The duty of this committee is the consideration of the applicability of short term sedimentation and high-rate filtration to water treatment processes.

## COMMITTEE ON WATER CONDITIONING METHODS TO INHIBIT CORROSION

Edw. W. Moore, *Chairman*
G. E. Arnold
K. W. Brown
Frank E. Hale
Chas. P. Hoover
W. F. Langelier
Harald A. Leverin
H. M. Olson
John R. Quinn
Marsden C. Smith
Geo. R. Spalding
Harry P. Stockwell
Edgar Wilson

*Advisers*

Carter S. Cole
Owen Rice
E. H. Thwaits
Robt. L. Ziegfield

The duty of this committee is the investigation of current treatment processes available for the purpose of eliminating or inhibiting corrosivity of public water supplies. The committee coordinates its work with studies in progress under direction of the Committee on "Pipe Line Coefficients."

## COMMITTEE ON SPECIFICATIONS FOR FILTERING MATERIAL

Paul Hansen, *Chairman*
H. E. Hudson, Jr.
Chas. G. Hyde
W. H. Knox
Geo. R. Spalding
Wm. E. Stanley

The duty of the committee is the development of specifications for and methods of acceptance testing of filter gravel and sand.

A report of the committee including recommended tentative specifications for filter gravel and sand is now in preparation.

## COMMITTEE ON CONTROL OF CHLORINATION

C. K. Calvert, *Chairman*
H. A. Faber
Douglas Feben
H. H. Gerstein
F. W. Gilcreas
A. E. Griffin
H. O. Hartung
P. C. Laux
W. L. Mallmann
R. D. Scott

This committee was organized in 1941 to appraise suggested methods for the control of chlorination of water and to recommend standardized tests and techniques for practical use in the determination of residual chlorine.

### COMMITTEE ON WATER PURIFICATION PRACTICE

The officers of the Water Purification Division constitute the Committee on Water Purification Practice. The secretary of the Division (ex-officio) is a member of the Association's Committee on Water Works Practice.

## FINANCE AND ACCOUNTING DIVISION COMMITTEES

### COMMITTEE ON JOINT ADMINISTRATION AND COLLECTION OF WATER AND SEWER ACCOUNTS

L. N. Thompson, *Chairman*
L. G. Lenhardt
Wm. Piatt
W. F. Tempest
J. B. Winder

The duty of this committee includes collection of information concerning joint administrative and collection policies and recommendations of procedure or methods.

### COMMITTEE ON LIEN LAWS

H. L. Meites, *Chairman*
L. G. Lenhardt
Jacob Schwartz

The duty of this committee includes a review of existing state laws and municipal ordinances relating to collection of water bills by application of liens to property and recommendations concerning policies and procedures.

## JOINT COMMITTEES WITH OTHER ORGANIZATIONS

### JOINT EDITORIAL COMMITTEE ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND SEWAGE

*AMERICAN PUBLIC HEALTH ASSOCIATION*

*AMERICAN WATER WORKS ASSOCIATION*

*Representatives of A. W. W. A.*

William D. Hatfield
Harald A. Leverin
M. C. Schwartz

*Representatives of A. P. H. A.*

Arthur M. Buswell
Walter L. Mallmann
John F. Norton, *Chairman*

This committee performs the editorial work and makes all arrangements for the publication of the book "Standard Methods for the Examination of Water and Sewage." An eighth edition of this book was issued in 1936. The ninth edition of this text is now in preparation.

### JOINT RESEARCH COMMITTEE ON BOILER FEEDWATER STUDIES

American Boiler Manufacturers Association; Association of American Railroads; American Society of Mechanical Engineers; American Society for Testing Materials; American Water Works Association; and Edison Electric Institute.

*Representatives of A. W. W. A.*

HARRY E. JORDAN
SHEPPARD T. POWELL

This committee plans and controls research on certain problems associated with boiler feedwater.

The secretary is J. B. Romer, Chief Chemist, The Babcock & Wilcox Co., Barberton, Ohio. An executive sub-committee and nine technical sub-committees have been arranged.

## AMERICAN COORDINATING COMMITTEE ON CORROSION

*Representatives of A. W. W. A.*

EDW. W. MOORE
H. LLOYD NELSON, *alternate*

This committee includes representatives of twenty associations. It is organized for the purpose of correlating research regarding corrosion. The chairman is F. N. Speller. The secretary is Geo. H. Young, 4400 Fifth Ave., Pittsburgh, Penna.

## JOINT COMMITTEE ON CONSTRUCTION CONTRACTS

*Representative of A. W. W. A.*

L. G. LENHARDT

This committee was engaged in a review and revision of the standard form of construction contract. The work is under the guidance of the Associated General Contractors of the U. S. Work has been suspended during the war emergency.

## AMERICAN RESEARCH COMMITTEE ON GROUNDING

*AMERICAN WATER WORKS ASSOCIATION*

*EDISON ELECTRIC INSTITUTE*

*Representatives of A. W. W. A.*

M. WARREN COWLES
CHARLES F. MEYERHERM
EDWARD E. MINOR

This committee has been formed in order to investigate and report upon the various questions involved in the grounding of electrical circuits on water, gas and drainage piping. The general chairman of this committee is H. S. Warren, Bell Telephone Laboratories, 463 West Street, New York, N. Y. The secretary-treasurer is C. F. Meyerherm.

## COMMITTEE ON WATER WORKS TERMS

*AMERICAN PUBLIC HEALTH ASSOCIATION*
*AMERICAN SOCIETY OF CIVIL ENGINEERS*
*AMERICAN WATER WORKS ASSOCIATION*

THORNDIKE SAVILLE, *General Chairman*

*Representatives of A. W. W. A.*

THORNDIKE SAVILLE*
HAROLD E. BABBITT
SAMUEL B. MORRIS

*Representatives of A. P. H. A.*

EARLE B. PHELPS*
SOL PINCUS
RALPH E. TARBETT

*Representatives of A. S. C. E.*

H. BURDETT CLEVELAND*
O. E. BROWNELL
JOHN B. HAWLEY

This committee has been organized to formulate the definitions of various terms used in the practice of water works engineering and operation.

## COMMITTEE ON WATER WORKS ACCOUNTING MANUAL

*AMERICAN WATER WORKS ASSOCIATION*
*MUNICIPAL FINANCE OFFICERS' ASSOCIATION*

*Representatives of A. W. W. A.*

J. C. FLANAGAN
M. F. HOFFMAN
HAL F. SMITH

*Representatives of M. F. O. A.*

*Not yet appointed*

The establishment of a joint editorial and review committee has been agreed upon, with the intention of making such committee responsible for preparation of future editions of the *Manual of Water Works Accounting,* which document was first published in 1938.

## JOINT COMMITTEE ON WATER HAMMER

*Representatives of A. W. W. A.*

F. M. DAWSON
L. H. KESSLER

This committee was organized in 1931 under the Hydraulic Division of the A. S. M. E. Mr. S. Logan Kerr is its general chairman. A symposium on water hammer was presented in 1933. A second symposium on the subject was held at the December, 1937 meeting of A. S. M. E. The committee has a very broad international representation.

* Sub-Chairman.

## JOINT COMMITTEE ON SPECIFICATIONS FOR FIELD WELDING OF STEEL WATER PIPE JOINTS

WM. W. HURLBUT, *Chairman*

A joint committee of the A.W.W.A. and the American Welding Society is now in the process of organization for the preparation of Specifications for Field Welding of Steel Water Pipe Joints.

## COMMITTEE ON SURVIVAL AND RETIREMENT EXPERIENCE WITH WATER WORKS FACILITIES

*AMERICAN WATER WORKS ASSOCIATION*
*INSTITUTE OF WATER SUPPLY UTILITIES*

LOUIS R. HOWSON, *Chairman*
J. WALTER ACKERMAN
HERBERT H. BROWN
JOHN B. DEAN
NELSON A. ECKART
JOHN C. FLANAGAN
HARRY U. FULLER
CARL A. EBERLING
GEO. F. HUGHES
H. H. HYMAN
EDGAR P. KABLE
SAMUEL E. KILLAM
PAUL M. KYDD
L. G. LENHARDT
W. E. MACDONALD
DALE L. MAFFITT
SAMUEL B. MORRIS
BEN S. MORROW
JOHN H. MURDOCH, JR.
REEVES NEWSOM
B. E. PAYNE
WALTER MOFFAT SCOTT
LEON A. SMALL
M. C. SMITH
H. A. VAN NORMAN
THOS. H. WIGGIN

*COOPERATING COMMITTEE OF*
*NEW ENGLAND WATER WORKS ASSOCIATION*

LELAND G. CARLTON
HARRY U. FULLER
REEVES NEWSOM
ARTHUR V. RUGGLES
THOS. H. WIGGIN

*Supervising Coordinator*, E. H. ALDRICH

This committee was organized early in 1941 to secure accurate and comprehensive data relating to the survival and retirement history of the various main elements of water works facilities in typical plants in the United States and Canada for the purpose of assisting in planning, financing, designing, managing and operating such facilities.

# A. W. W. A. REPRESENTATIVES ON COMMITTEES OF OTHER ORGANIZATIONS

## U. S. BUREAU OF STANDARDS

### SIMPLIFIED PRACTICE COMMITTEE ON WROUGHT IRON AND WROUGHT STEEL PIPE, VALVES AND FITTINGS

*Representative of A. W. W. A.*

H. Arthur Price

## COMMITTEES UNDER THE PROCEDURE OF THE AMERICAN STANDARDS ASSOCIATION

### A21—SPECIFICATIONS FOR CAST IRON PIPE AND SPECIAL CASTINGS

*AMERICAN GAS ASSOCIATION*
*AMERICAN SOCIETY FOR TESTING MATERIALS*
*AMERICAN WATER WORKS ASSOCIATION*
*NEW ENGLAND WATER WORKS ASSOCIATION*

*Representatives of A. W. W. A.*

Thomas H. Wiggin, *General Chairman*
Frank A. Barbour
William W. Brush
L. G. Lenhardt
Reeves Newsom

As noted above, T. H. Wiggin (A.W.W.A.) is the general chairman of the committee. The secretary is C. C. Simpson, Jr., (Am. Gas Assn.), 4 Irving Place, New York, N. Y. [See page *52* for Specifications published.]

### A35—MANHOLE FRAMES AND COVERS

*AMERICAN SOCIETY OF CIVIL ENGINEERS*
*THE TELEPHONE GROUP (BELL SYSTEM AND U S. IND. TEL. ASSN.)*

*Representative of A. W. W. A.*

Frank A. Marston

This committee is coöperating with the Division of Simplified Practice (U. S. Dept. of Commerce) in the standardization of design, material and dimensions of manhole frames and covers. The general chairman is L. B. Fish, (Bell System) 195 Broadway, New York, N. Y.

### A40—STANDARDIZATION OF PLUMBING EQUIPMENT

*AMERICAN SOCIETY OF MECHANICAL ENGINEERS*
*AMERICAN PUBLIC HEALTH ASSOCIATION*

*Representative of A. W. W. A.*

F. M. Dawson
Richard Hazen, *Alternate*

This committee is charged with the development of a standard plumbing code as well as specifications for certain materials used in plumbing.

## B2-1919—PIPE THREAD

*AMERICAN GAS ASSOCIATION*

*AMERICAN SOCIETY OF MECHANICAL ENGINEERS*

*Representative of A. W. W. A.*

WILLIAM W. BRUSH

The general chairman of this committee is Alten S. Miller (A. G. A.), 80 Westcott Rd., Princeton, N. J.

## B16—PIPE FLANGES AND FITTINGS

*AMERICAN SOCIETY OF MECHANICAL ENGINEERS*

*HEATING, PIPING AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION*

*MANUFACTURERS STANDARDIZATION OF THE VALVE AND FITTINGS INDUSTRY*

*Representatives of A. W. W. A.*

FRANK A. BARBOUR

WILLIAM W. HURLBUT

The general chairman of this committee is Collins P. Bliss (A. S. M. E.), New York University, New York, N. Y.

## B31—CODE FOR PRESSURE PIPING

*AMERICAN SOCIETY OF MECHANICAL ENGINEERS*

*Representative of A. W. W. A.*

H. ARTHUR PRICE

The general chairman of this committee is Edwin B. Ricketts, New York Edison Co., New York, N. Y.

## B36—STANDARDIZATION OF DIMENSIONS AND MATERIALS OF WROUGHT IRON AND WROUGHT STEEL PIPE AND TUBING

*AMERICAN SOCIETY OF MECHANICAL ENGINEERS*

*AMERICAN SOCIETY FOR TESTING MATERIALS*

*Representative of A. W. W. A.*

H. ARTHUR PRICE

The general chairman of this committee is Harold H. Morgan (A. S. T. M.) 2200 Insurance Exchange Bldg., Chicago, Ill.

## C1—NATIONAL ELECTRICAL CODE

*NATIONAL FIRE PROTECTION ASSOCIATION*

*Representative of A. W. W. A. on Sub-Committee on Grounding*

CHARLES F. MEYERHERM

The general chairman of this committee is A. R. Small, 109 Leonard St., New York, N. Y.

## G8—SPECIFICATIONS FOR ZINC COATING OF IRON AND STEEL

*AMERICAN SOCIETY FOR TESTING MATERIALS*

*Representative of A. W. W. A.*

PAUL WEIR

The secretary of the committee is A. B. Campbell, Edison Electric Institute, 420 Lexington Ave., New York, N. Y.

## Z10—LETTER SYMBOLS AND ABBREVIATIONS FOR SCIENCE AND ENGINEERING

*AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE*
*AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS*
*AMERICAN SOCIETY OF CIVIL ENGINEERS*
*SOCIETY FOR PROMOTION OF ENGINEERING EDUCATION*
*AMERICAN SOCIETY OF MECHANICAL ENGINEERS*

*Representative of A.W.W.A.*

RICHARD HAZEN

The general chairman of this committee is Prof. H. M. Turner, Yale University; and the secretary is Mr. H. W. Samson, General Electric Company Schenectady, N. Y.

## Z23—SPECIFICATIONS FOR SIEVES FOR TESTING PURPOSES

*AMERICAN SOCIETY FOR TESTING MATERIALS*
*BUREAU OF STANDARDS (U. S. DEPT. OF COMMERCE)*

*Representative of A. W. W. A.*

GORDON M. FAIR

The general chairman of the committee is L. T. Work (A. S. T. M.), Columbia University, New York, N. Y.

## Z32—STANDARDIZATION OF GRAPHICAL SYMBOLS FOR USE ON DRAWINGS

*AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS*
*AMERICAN SOCIETY OF MECHANICAL ENGINEERS*

*Representative of A. W. W. A.*

W. VICTOR WEIR

The general chairman of this committee is H. W. Samson (A. I. E. E.), General Electric Co., Schenectady, N. Y.

## A. S. T. M. COMMITTEE ON SULFUR CEMENTS

*Representative of A. W. W. A.*

JOSEPH P. SCHWADA

## NATIONAL ASSOCIATION OF RAILROAD AND UTILITIES COMMISSIONERS' COMMITTEES ON CLASSIFICATION OF ACCOUNTS, ETC.

*Representative of A. W. W. A.*

LOUIS D. BLUM

## ADVISORY COMMITTEE TO THE U. S. PUBLIC HEALTH SERVICE ON DRINKING WATER STANDARDS

*Representative of A. W. W. A.*

CHAS. R. COX

## ADVISORY COMMITTEE TO THE NEW YORK CITY BOARD OF HEALTH

*Representative of A. W. W. A.*

THOMAS M. RIDDICK

## COMMITTEES OF THE NATIONAL FIRE PROTECTION ASSOCIATION

### ELECTRICAL CODE COMMITTEE

See Committee C1 of the American Standards Association, above. These are identical committees.

### COMMITTEE ON FORESTS

*Representative of A. W. W. A.*

EDWARD E. MINOR

Fire protection and prevention for summer homes in forested areas.

### COMMITTEE ON HYDRANTS, VALVES AND PIPE FITTINGS

*Representative of A. W. W. A.*

FRANK A. BARBOUR

### COMMITTEE ON PUBLIC WATER SUPPLIES FOR PRIVATE FIRE PROTECTION

*Representative of A. W. W. A.*

C. J. ALFKE

Including the uniform marking of fire hydrants.

### COMMITTEE ON TANKS

*Representative of A. W. W. A.*

LOUIS R. HOWSON

# AMERICAN WATER WORKS ASSOCIATION

# CONSTITUTION AND BY-LAWS

AMERICAN WATER WORKS ASSOCIATION
22 E. 40th St., New York, N. Y.

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W

# CONSTITUTION AND BY-LAWS
# OF
# THE AMERICAN WATER WORKS ASSOCIATION

*(Adopted June 25, 1929, and with amendments to September 1, 1938)*

## *CONSTITUTION*

## ARTICLE I

### Name

The name of this Association shall be—The American Water Works Association.

*(Constitution)*

## ARTICLE II

The object of this Association shall be the advancement of knowledge of the design, construction, operation and management of water works, and its membership shall consist of persons interested in such matters, having such qualifications and classifications as shall be from time to time prescribed in the By-Laws.

*(Constitution)*

## ARTICLE III

### Board of Directors

Section 1. The Governing Body of the Association shall be a Board of Directors, hereinafter called the Board.

Section 2. The Board shall consist of:

*a.* The President of the Association.

*b.* The Vice-President of the Association.

*c.* The Treasurer of the Association.

*d.* One Director to be elected by each Section of the Association.

*e.* Three Directors to be elected by the Members of the Water Works Manufacturers Association.

*f.* The latest living Past President of the Association.

*g.* The Chairman of the Committee on Water Works Practice.

*h.* The Chairman of the Publication Committee.

SECTION 3. The terms of Directors and Officers shall start at the beginning of the last day of the annual convention at which they are elected, and shall terminate at the beginning of the last day of the annual convention at the expiration of their terms.

SECTION 4. The President of the Association, the Vice-President of the Association and the Directors elected by the Sections of the Association and by the Water Works Manufacturers Association will not be eligible for reëlection for consecutive terms.

SECTION 5. The Officers of the Association shall be the Officers of the Board.

SECTION 6. The functions of the Board shall include the following:

*a.* Establishing policies for the Association, and for the Executive Committee, and for the Officers.

*b.* Providing for the general administration of the affairs and property of the Association.

*c.* Fixing the time and place of the annual and other conventions of the Association as provided in the By-Laws.

*d.* Preparing and enforcing for the conduct of the business of the Association, By-Laws not in conflict with this Constitution, and amending the same.

SECTION 7. A quorum of the Board shall consist of a majority of its members.

SECTION 8. Regular meetings of the Board shall be held during the annual convention of the Association, on such days as may be decided by the Board. Other meetings may be held at the direction of the President, or at the request, in writing, of five members of the Board, and on such notice as shall be provided in the By-Laws.

(*Constitution*)

## ARTICLE IV

### NOMINATION AND ELECTION OF OFFICERS AND DIRECTORS

SECTION 1. There shall be a meeting of the Board held in January of each year at which a Nominating Committee consisting of the Directors representing the various Sections of the Association shall meet under the Chairmanship of the President, and shall nominate one, and may nominate two candidates for each of the offices of President, Vice-President, and Treasurer, provided that any candidate so nominated shall be an Active Member of the Association, and shall have been a member of the Executive Committee prior to the adoption of the present Constitution and By-Laws, or a member of

the Board of Directors since its adoption, and shall signify willingness to accept the nomination. This Committee shall report its list of nominees to the Board before the close of its January meeting, and the list shall then be mailed to the membership before February first of that year.

At any time prior to noon on the first day of March of each year additional nominations may be made by request to the Secretary, signed by at least twenty-five Active Members, and upon receipt of such request, the Secretary shall, after acceptance of the nomination by the candidates, add such names to the ballot prepared by him. The nominees of the Nominating Committee shall be so designated on the ballot for each office, and the names of all nominees shall be arranged in alphabetical order.

When more than one name is nominated for either office, the election shall be by letter ballot. Each Active Member shall be entitled to vote for one candidate for the office of President, one candidate for the office of Vice-President, and one candidate for the office of Treasurer. The ballot shall be prepared by the Secretary and mailed to each Active Member of the Association prior to April first in each year, and shall state the name and residence of each candidate.

The ballot shall be sealed separately in a special ballot envelope, and the latter shall be enclosed in a larger envelope, and mailed to the Secretary. The signature of the member voting shall appear on the outer envelope.

When a letter ballot is necessary, the Secretary together with two or more Tellers appointed by the President shall meet at a time and place directed by the President, and shall open and count all ballots cast by persons entitled to vote. No ballot shall be counted if received later than noon of the seventh day previous to the beginning of the annual convention of the Association. When only one candidate is placed in nomination for each office to be filled, the report of the Nominating Committee shall be considered as an election.

The report of the Tellers for the election of the incoming President, Vice-President, and Treasurer shall be declared by the President at the annual convention on certificates of the Tellers. The candidates who shall have received the highest number of votes cast for the several offices shall be declared elected. If there be a tie vote the President shall order a ballot to be taken at the annual convention to decide which of the candidates who have received the same number of ballots shall be chosen.

The terms of the Officers so elected shall be for one year beginning with the last day of the annual convention at which they are elected to the beginning of the last day of the next annual convention, or until their successors shall have been chosen.

In case of a vacancy in the office of President, the Vice-President shall act in his place for the unexpired term. In case the Vice-President cannot act, the latest living Past President shall do so.

In the case of a vacancy in the office of Treasurer, the Executive Committee shall appoint an Active Member to fill the office for the unexpired term.

SECTION 2. One Director to represent each Local Section shall be nominated and elected by the members of the Section at an annual Section meeting, and in the same manner as the Presiding Officer of that Section is elected. The manner of such election shall receive the approval of the Board. The Director so elected shall be an Active Member and shall reside in the territory of the Section at the time of his election. Should he cease to reside in the territory of the Section before his term of office is ended, it shall be within the power of the Section to replace him.

The term of each Director so elected shall be for three years beginning with the last day of the annual convention immediately following his election, except that when a new Local Section is constituted, the initial term of the Director representing such Section shall be determined by the Board.

In the case of the retiring, from any cause, of a Director representing a Section, before his term is completed, the governing body of the Section shall designate his successor, who shall serve for the unexpired portion of the term.

SECTION 3. Three Directors shall be nominated and elected by the Water Works Manufacturers Association. The term of each Director shall be for three years beginning with the last day of the annual convention immediately following his election, except as stated below:

The present Director representing the Water Works Manufacturers Association shall continue in office until the last day of the 1936 annual convention.

One Director shall be elected to hold office until the last day of the 1937 annual convention.

One Director shall be elected to hold office until the last day of the 1938 annual convention.

These Directors shall take office immediately following their election.

In the case of the retiring, from any cause, of a Director representing the Water Works Manufacturers Association, before his term is completed, the governing body of the Water Works Manufacturers Association shall designate his successor, who shall serve for the unexpired portion of the term.

(*Constitution*)

## ARTICLE V

The Executive Committee and Officers as constituted under the previous Constitution shall remain in office, and continue to direct the affairs of the Association until the end of the annual convention in 1930.

The nominations and elections as laid down in the Constitution and By-Laws, accepted by the Association at its annual convention in 1929, shall proceed prior to the annual convention in 1930, and the successful candidates shall take office at the close of the latter convention.

Except as mentioned above the Constitution shall take effect at the end of the annual convention in 1929.

(*Constitution*)

## ARTICLE VI

### Amendments

Proposals to amend this Constitution shall be submitted in writing to the Board, signed by at least ten Active Members of the Association.

The Board shall consider the proposals and the proposers shall be notified of the Board's opinion in regard thereto not later than the first day of March.

The proposers may then withdraw their proposals, accept any change suggested, or insist on the original form, sending their decision to the Secretary not later than the first day of April.

The proposals, as accepted by the proposers, shall be mailed to the Active Members not less than twenty-one days before the annual convention.

Proposals to amend this Constitution may also be made by the Board and shall be mailed to the Active Members not less than twenty-one days before the annual convention.

All proposals shall be submitted for discussion at the annual convention.

The Active Members there present may propose an amendment or amendments thereto, and all proposals together with any such amendment or amendments shall be printed on a letter ballot to be submitted to the Active membership.

The Secretary shall issue the letter ballot not later than two months after the annual convention.

On the written request of three or more members the letter ballot shall be accompanied by a statement giving reasons for and against the proposal edited by a Committee appointed by the Board, consisting of an equal number of members favoring and members opposing the proposal.

The letter ballot shall be returnable to the Secretary not later than three months after the annual convention. Three Tellers appointed by the Board shall forthwith count the ballots and report the result to the Board.

An affirmative two-thirds vote of all valid ballots shall be necessary for the amendment or repeal of any part of the Constitution.

The amendments as passed shall take effect at the beginning of the next calendar year except that changes affecting the tenure of office of an Officer of the Association shall not take effect until the next annual convention.

# *BY-LAWS*

## ARTICLE I

### Membership

Section 1. The membership of the Association shall consist of Honorary, Active, Corporate, Associate, Junior Members and Affiliates.

Section 2. An Honorary Member shall be one whose practical or scientific knowledge in matters relating to water supply, and whose accomplishments in that field of endeavor shall entitle him to special recognition by the Association. Honorary Members shall have the same privileges as Active Members but shall not be required to pay any dues for the support of the Association.

Section 3. An Active Member shall be a superintendent, a manager, an official or employee of a municipal or private water works; a civil, mechanical, hydraulic, or sanitary engineer, a chemist, a bacteriologist, or any qualified person engaged or interested in the advancement of knowledge relating to water supplies.

Section 4. A Corporate Member shall be a Water Board, Water Commission, Water Department, Water Company or Corporation, National, State or District Board of Health, or other body, corporation or organization engaged or interested in water supply work, and shall be entitled to one representative whose name shall appear on the roll of members and who shall have all the rights and privileges of an Active Member. This representative may be changed at the convenience and pleasure of the Corporate Member on written notice to the Secretary.

Section 5. An Associate Member shall be either a person, firm or corporation engaged in manufacturing or furnishing supplies for the operation, construction, or maintenance of water works.

Section 6. A Junior Member shall be an employee of a municipal or private water works; a civil, mechanical, hydraulic, or sanitary engineer, a chemist, a bacteriologist, a student or any otherwise qualified person engaged or interested in the advancement of knowledge relating to water supplies. At the time of his admission he shall be not less than eighteen years of age. His connection with the Association shall cease when he becomes twenty-five years of age, unless he is regularly enrolled as a student in a university or has previously transferred to the grade of Active Member. Junior Members shall receive the Journal and all privileges of Active membership except holding office and voting.

SECTION 7. An Affiliate shall be any person otherwise qualified for Active membership who, at the time of application, is not nor previously has been a member of the Association, and who, for acceptable reasons, does not wish to become an Active Member.

No corporation, firm or partnership which otherwise would be entitled to the grades of Associate or Corporate member may hold the grade of Affiliate. No employee of an Associate member may become an Affiliate. No person who is the Superintendent, the Manager, the Chief Engineer, the Superintendent of Filtration, the Chief Chemist or the Superintendent of Distribution in a plant having more than 3,000 active services, is eligible for the grade of Affiliate. Under unusual conditions, exception to the above may be made by action of the Executive Committee if the applicant sets forth fully the reasons for the exception when applying for the Affiliate grade.

Affiliates shall not be entitled to vote upon general association questions, and not eligible to hold office in the Association, nor in any of its Divisions. They shall be eligible to vote upon Section questions and to hold Section offices except those of Chairman, Vice-Chairman, Secretary (and/or Treasurer). They shall be entitled to all other rights and privileges of Active Members.

*(By-Laws)*

## ARTICLE II

### ADMISSION AND EXPULSION

SECTION 1. The Board, on its own initiative, or at the request of twenty-five members of the Association, may elect any qualified person an Honorary Member. This election shall take place at a regular meeting of the Board and shall be by ballot. Two negative ballots shall exclude.

Each Honorary Member shall receive an engrossed certificate of membership in that grade.

SECTION 2. Applications for Active, Corporate, Associate, or Junior membership and for the Affiliate grade shall be made on the blank forms provided by the Association. Each application shall embody a concise statement of the applicant's qualification for membership. All applications shall be forwarded to the Secretary who shall submit them to the Board.

An affirmative vote of a majority of the Board shall elect and the

applicant shall become a member when his annual dues shall have been paid.

Affiliates may transfer to the grade of Active Member by application therefor and upon approval of the Secretary.

SECTION 3. No member whose dues are in arrears for four months shall receive the publications of the Association until such arrears are paid. Members in arrears for one year shall be automatically dropped by the Secretary from the list of members.

SECTION 4. The Board may, for sufficient cause, temporarily or permanently excuse from the payment of annual dues, any member who from ill health, advanced age, or other good reason, is unable to pay such dues, and the Board may remit the whole or part of dues in arrears, or accept in lieu thereof desirable additions to the library or collections.

SECTION 5. A member who has been dropped for non payment of dues may be re-instated by the Board on payment of the arrears. He shall then be entitled to receive such back numbers of the publications of the Association as may have been withheld from him on account of non payment of dues, and are available for distribution.

SECTION 6. Any member of any grade may be expelled from membership in the Association, by a three-quarters vote of the Board, taken by letter ballot, provided such member has been given a written statement of the charges preferred, and has been accorded an opportunity of a hearing before the Board.

SECTION 7. Any member may retire from membership by giving written notice to the Secretary, provided that he is in good standing.

(*By-Laws*)

## ARTICLE III

### FEES AND DUES

SECTION 1. Each Active Member shall pay annual dues of ten dollars, provided that any Active Member in good standing who has paid dues continuously for thirty years shall be exempt from payment of further dues. No initiation fee shall be required from a member in good standing of an Affiliate Association or Society, who has been elected as an Active Member.

SECTION 2. Each Corporate Member shall pay annual dues of fifteen dollars.

SECTION 3. Each Associate Member shall pay annual dues of twenty-five dollars.

SECTION 4. Each Junior Member shall pay annual dues of five dollars.

SECTION 5. Each Affiliate shall pay annual dues of four dollars.

SECTION 6. The fiscal year of the Association shall begin on January first, and terminate on December thirty-first. Annual dues shall be payable in advance, and shall be due on January first in each year. It shall be the duty of the Secretary to notify each member on or before December thirty-first in each year of the amount due from said member for the ensuing year.

SECTION 7. Any newly elected member shall be entitled to all of the publications of the Association that are distributed to its members during the year, or that part of the year, for which he has paid dues.

Affiliates shall receive all publications to which the members are entitled except that they shall receive four issues only of the Journal per year.

*(By-Laws)*

## ARTICLE IV

### EXECUTIVE COMMITTEE

There shall be an Executive Committee of five members consisting of the President and four Directors. This Committee shall be chosen by the Board at its meeting at the annual convention.

The President of the Association shall act as Chairman of the Committee, or in his absence, the Committee shall choose a temporary Chairman from its members, and the Secretary of the Association shall act as its Secretary.

The duties of the Committee shall be to direct the administrative work of the Association and to carry out the policies of the Board between meetings of the latter.

A quorum of the Committee shall consist of three members.

*(By-Laws)*

## ARTICLE V

### DUTIES OF OFFICERS AND DIRECTORS

SECTION 1. The President shall have general supervision of the affairs of the Association, and shall preside at all conventions of the Association and meetings of the Board. In his absence he shall designate a Presiding Officer to act in his stead at such conventions or meetings. He shall be, ex-officio, a member of all Committees.

SECTION 2. The Vice-President shall assist the President in the performance of his duties, and act in his stead when required. He shall be, ex-officio, a member of all Committees.

SECTION 3. The Board of Directors shall be the legal representatives of the Association, and as such shall have full control of the Association in regular convention. It shall make the necessary arrangements for the conventions, and shall have power to expend the funds of the Association, or to invest the same, but must not incur indebtedness beyond the funds in the hands of the Treasurer and Secretary. It shall hold a meeting during the last day, and also a meeting at least one hour before the opening session of each annual convention. Other meetings shall be held at the call of the President, or of any five members of the Board. Notice of all meetings shall be issued by the Secretary at least ten days in advance of such meetings to all members of the Board.

At its meeting on the last day of the annual convention, the Board shall appoint a Secretary and an Editor which Officers shall serve until the close of the next annual convention, or until their successors shall have been appointed.

Except as otherwise provided in the Constitution and By-Laws, all questions before the Board shall be decided by a majority vote.

SECTION 4. The Treasurer shall have charge of the funds of the Association, and shall pay bills against the Association when certified by himself and the Secretary. He shall make a report of the expenditures and of the funds of the Association at the annual convention. He may, with the approval of the Board, establish a drawing account for the Secretary.

He shall be bonded at the expense of the Association, and to an amount to be determined by the Board.

He shall perform such other duties as may be assigned to him by the Board.

SECTION 5. The Secretary shall be an Active Member of the Association. It shall be his duty to attend all conventions and meetings of the Association, and of the Board, prepare the business and duly record the proceedings thereof. He shall see that all moneys due the Association are collected, and shall promptly deposit the same to the credit of the Association. He shall certify to all bills against the Association, and once each month he shall forward to each member of the Board, a financial summary of receipts and disbursements.

He shall, at the annual convention, make a report of the receipts and of the condition and affairs of the Association.

He shall have charge of the books and records of the Association and shall supervise the work of all employees.

The books of the Association shall be audited annually by Certified Public Accountants, to be appointed by the Board.

He shall be bonded at the expense of the Association, and to an amount to be determined by the Board.

He shall perform such other duties as shall be assigned to him by the Board.

SECTION 6. The Editor shall have charge of the printing and distribution to all the members of the Proceedings and Transactions of the Association, and shall perform such other duties as shall be assigned to him by the Board. He shall be, ex-officio, a member of the Publication Committee, and of the Committee on Water Works Practice.

(*By-Laws*)

## ARTICLE VI

### CONVENTIONS OF THE ASSOCIATION

The annual convention of the Association shall be held at a time and place to be selected by the Board. Additional conventions of the Association may be held at such times and places as may be selected by the Board. Meetings of the Sections shall be held as determined by the Constitutions of the Sections. All conventions and meetings shall be conducted according to "Roberts Rules of Order."

Each member and guest present at any of the conventions of the Association shall pay a registration fee of such amount as may be determined by the Board.

(*By-Laws*)

## ARTICLE VII

### SECTIONS AND DIVISIONS

SECTION 1. Local Sections may be established by the Board on receipt of a written request to that effect signed by twenty Active or Corporate Members of the Association residing in the territory within which the Local Section is desired. The territory embraced by each Local Section shall be fixed by the Board.

SECTION 2. National Divisions consisting of superintendents, engineers, chemists, bacteriologists, and accountants or other classes

of persons included in the membership of the Association may be established by the Board on the request of thirty members. Any member of the Association may resgister in any National Divison of the Association in which he is interested.

SECTION 3. Such Local Sections and National Divisions which shall consist only of members of this Association in good standing shall elect their own Officers and Committees, and may make any rules for their government not inconsistent with the Constitution and By-Laws of the Association, but these rules must first be approved by the Board.

SECTION 4. Each Local Section as soon as established, and after its rules have been approved by the Board, may with its approval annually receive from the Treasurer of the Association for local use not more than twenty-five per cent of the annual dues paid to the Association by the members of the said Local Section as shown by the books of the Association on the first day of November of each year, unless the Board increases the amount allowed to any Local Section, the amount of such increase to be determined by the Board, and to be allowed only when in the judgment of the Board the work undertaken by that Local Section is such as to be of material benefit to the Association. Unless the Board increases the amount allowed the total money received by any Local Section for any one fiscal year shall not exceed the sum of $300. Local Sections having small membership shall be entitled to receive from the Association $100 in any one fiscal year, even though the allotted twenty-five per cent of the annual dues paid to the Association by the members of the said Local Section does not amount to $100.

Each National Division when established and its rules and Constitution have been approved by the Board, may with the approval of the Board, annually receive from the Treasurer of the Association a sum not exceeding $100 for Division expenses.

The Treasurer of each Local Section or National Division shall forward to the Secretary of the Association his application endorsed by the Presiding Officer of the Section or Division for such portions of the said sums above specified as may be needed and upon receipt of such application the Secretary shall authorize the Treasurer of the Association to pay such sums to the Treasurer of the Section or Division. These moneys may be used by the Section or Division only in payment of necessary operating expenses.

At the end of each fiscal year the Treasurer of each Section and Division shall submit a certified copy of his accounts to the Secretary

of the Association, the same being itemized and showing the balance on hand of funds received from the Association which will remain to the credit of such Section or Division until such Section or Division is dissolved or the Board shall otherwise order their return to the treasury of the Association.

SECTION 5. Any member of the Association who resides in a locality which is not included in the territory embraced by an existing Local Section, may upon written request to the Board be included in the membership of any Local Section. The Secretary of the Association shall notify the Secretary of the Local Section of the enrollment of the member.

Whenever a new Local Section is formed or an existing Local Section has its territory extended which will include in its territory the locality where such member resides, he shall automatically be included in the membership of such Local Section.

Should a member of the Canadian Section desire to participate in the activities of any other Section more conveniently located, he may do so under the following conditions:

*a.* He shall make application to the Secretary of the American Water Works Association who shall transmit his request to the governing bodies of the Sections concerned. If the latter approve, then the member shall be allowed to acquire membership in the additional Section.

*b.* He shall then be eligible to vote and enjoy all the privileges of both Sections, and may hold office in both Sections, but not simultaneously.

*c.* Any allotment of funds from the Association on his account shall be paid to the Section in which territory he resides. By arrangement between the governing bodies of the Sections involved, such allotment may be divided between the Sections.

*d.* If a change takes place which makes his own geographic Section equally accessible, membership in the adopted Section shall cease.

SECTION 6. Any Section or Division may be dissolved by the Board for reasons which it believes are good and sufficient.

(*By-Laws*)

## ARTICLE VIII

### PUBLICATIONS

All publications of the Association shall be issued under the direction of the Board and shall be copyrighted as far as is practicable and proper.

(*By-Laws*)

## ARTICLE IX

### Committees

Section 1. A Publication Committee shall be appointed by the Board of the annual convention of the Association. It shall consist of at least five members, at large, and its Chairman shall be ex-officio a member of the Board.

It shall have control of the publications of the Association, including the programs of its conventions and shall see that all publications and papers are edited before publication.

The Committee shall prepare rules which shall govern the preparation, presentation, acceptance, and publication of all papers and such other matters of a similar nature as the best interests of the Association may require.

Section 2. A Committee on Water Works Practice shall be appointed by the Board at the annual convention. It shall consist of at least five members, at large, and its Chairman shall be ex-officio a member of the Board.

Any resolution, report or publication which undertakes to establish in the name of the Association, or any of its Sections or Divisions, professional or technical standards, shall be submitted to this Committee, and it shall direct all such matters on behalf of the Association.

It shall give notice by publication to the membership of all such proposed standards and report its approval or disapproval of such to the Board.

It shall appoint such Sub-Committees as it may deem necessary to properly carry on its work.

Section 3. The Board shall appoint such other Committees as may be necessary to carry on the work of the Association.

(*By-Laws*)

## ARTICLE X

The Board of Directors may amend these By-Laws in any manner not inconsistent with the Constitution by a two-thirds vote of those voting at any meeting of the Board or by sealed letter ballot, providing that a copy of such proposed amendment has been mailed by the Secretary to each member of the Board at least thirty days prior to such meeting or letter ballot.

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**APPLICATION FOR MEMBERSHIP**
**IN THE**
**AMERICAN WATER WORKS ASSOCIATION**
**22 EAST 40th ST., NEW YORK**

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Date:.....

..... hereby make application for
(I or We)

.....
(Active, Junior, Corporate or Associate Membership, or Affiliate)

in the American Water Works Association, and enclose herewith the sum of $....., one year's dues in advance.

Name.....

Company or Department.....

Title or Position.....

Address.....

.....

If application is for Junior Membership, give date of birth.....

If application is for Affiliate, state number of active water services in property where employed.....

Nature of business or character of work (for office records).....

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If application is for Corporate or Associate Membership, it must be signed by the person designated to represent the firm or corporation in A.W.W.A. activities.

.....
Signature of Applicant.

Application obtained by:

.....

(over)

## ARTICLE I OF BY-LAWS

Section 3. An Active Member shall be a superintendent, a manager, an official or employee of a municipal or private water works; a civil, mechanical, hydraulic, or sanitary engineer, a chemist, a bacteriologist, or any qualified person engaged or interested in the advancement of knowledge relating to water supplies. (Annual Dues, $10.00.)

Section 4. A Corporate Member shall be a Water Board, Water Commission, Water Department, Water Company or Corporation, National, State or District Board of Health, or other body, corporation or organization engaged or interested in water supply work, and shall be entitled to one representative whose name shall appear on the roll of members, and who shall have all the rights and privileges of an Active Member. This representative may be changed at the convenience and pleasure of the Corporate Member on written notice to the Secretary. (Annual Dues, $15.00.)

Section 5. An Associate Member shall be either a person, firm or corporation engaged in manufacturing or furnishing supplies for the operation, construction, or maintenance of water works. (Annual Dues, $25.00.)

Section 6. A Junior Member shall be an employee of a municipal or private water works; a civil, mechanical, hydraulic, or sanitary engineer, a chemist, a bacteriologist, a student or any otherwise qualified person engaged or interested in the advancement of knowledge relating to water supplies. At the time of his admission he shall be not less than eighteen years of age. His connection with the Association shall cease when he becomes twenty-five years of age, unless he is regularly enrolled as a student in a university or has previously transferred to the grade of Active Member. Junior Members shall receive the Journal and all privileges of Active membership except holding office and voting. (Annual Dues, $5.00.)

Section 7. An Affiliate shall be any person otherwise qualified for Active membership who, at the time of application, is not nor previously has been a member of the Association and who, for acceptable reasons, does not wish to become an Active Member.

No corporation, firm or partnership which otherwise would be entitled to the grades of Associate or Corporate member may hold the grade of Affiliate. No employee of an Associate member may become an Affiliate. No person who is the superintendent, the manager, the chief engineer, the superintendent of filtration, the chief chemist, or the superintendent of distribution in a plant having more than 3,000 active services, is eligible for the grade of Affiliate. Under unusual conditions, exception to the above may be made by action of the Executive Committee if the applicant sets forth fully the reasons for the exception when applying for the Affiliate grade.

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Memberships will be dated as of the beginning of the quarter in which the application is received.

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## IN THE
## AMERICAN WATER WORKS ASSOCIATION
### 22 EAST 40th ST., NEW YORK

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(Active, Junior, Corporate or Associate Membership, or Affiliate)

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Section 3. An Active Member shall be a superintendent, a manager, an official or employee of a municipal or private water works; a civil, mechanical, hydraulic, or sanitary engineer, a chemist, a bacteriologist, or any qualified person engaged or interested in the advancement of knowledge relating to water supplies. (Annual Dues, $10.00.)

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# CLASSIFIED INDEX OF PRODUCTS AND SERVICES

*This Index classifies the products and services of A.W.W.A. Associate Members. The items are compiled most carefully from those check lists submitted by the Associate Members. A page number following a company name indicates the italic numbered page at the front or back of this* DIRECTORY *on which that member's advertisement appears. See page 125 for headquarters addresses and names of official A.W.W.A. representatives of all Associate Members.*


**Abrasives**
Monsanto Chemical Co.
Well Mchy & Supply Co., *Distr.*

**Accounting Machines**
Burroughs Adding Mach. Co.

**Activated Carbon**
Barada & Page, Inc., *Distr.*
Cliffs Dow Chemical Co.
Darco Corp.
Everson Mfg. Co., *Distr.*
Gray Chemical Co.
Industrial Chem. Sales Div. *p. 16*
Salomon, L. A., & Bro., *Distr.*
Stuart-Brumley Corp., *Distr.*

**Addressing Machines**
Burroughs Adding Mach. Co.

**Aerators**
American Water Softener Co. *p. 42*
Bacharach, E. W., & Co.
Chicago Pump Co.
Infilco, Inc. *p. 35*
Vogt Mfg. Co. *p. 47*
Water Works Supply Co., *Distr.*

**Agitators**
Bacharach, E. W., & Co.
Bethlehem Steel Co.
Chain Belt Co.
Dorr Co., Inc. *p. 31*
Stuart-Brumley Corp., *Distr.*
Vogt Mfg. Co. *p. 47*

**Air Compressors**
Allis-Chalmers Mfg. Co.
De Laval Steam Turbine Co. *p. 29*
Stannard Power Equip. Co., *Distr.*
Well Mchy & Supply Co., *Distr.*
Worthington Pump & Mchy Corp. *p. 51*

**Air Lift Pumping Systems**
Well Mchy & Supply Co., *Distr.*
Worthington Pump & Mchy Corp. *p. 51*

**Alum**
American Cyanamid & Chem. Corp.
Barada & Page, Inc., *Distr.*
Consolidated Chem. Industries, Inc.
Everson Mfg. Co., *Distr.*
General Chemical Co.
Griffin Chemical Co., *Distr.*
Monsanto Chemical Co.
Pennsylvania Salt Mfg. Co. *p. 39*
Proportioneers, Inc., *Distr. p. 43*
Stuart-Brumley Corp., *Distr.*

**Ammonia**
American Cyanamid & Chem. Corp., *Distr.*
Barada & Page, Inc., *Distr.*
Barrett Div. *p. 25*
Cliffs Dow Chemical Co.
Everson Mfg. Co., *Distr.*
General Chemical Co.
Great Western Div., Dow Chem. Co.
Mathieson Alkali Works, Inc.
Monsanto Chemical Co.
National Soap & Chem. Co., *Distr.*
Pennsylvania Salt Mfg. Co. *p. 39*
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American Brass Co.
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Barada & Page, Inc., *Distr.*
Columbia Chemical Div.
Flox Co., Inc., *Distr.*
Mathieson Alkali Works, Inc.
National Soap & Chem. Co., *Distr.*
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Columbia Chemical Div.
Diamond Alkali Co.
General Chemical Co., *Distr.*
Great Western Div., Dow Chem. Co.
Griffin Chemical Co., *Distr.*
Hooker Electrochemical Co.
Mathieson Alkali Works, Inc.
Michigan Alkali Co.
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Phipps & Bird, Inc., *Distr.*
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Dresser Mfg. Co. *Cover 3*

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Important to you as a waterworks engineer or official is the designed economy of ARMCO Spiral Welded Pipe. Consider how these advantages can help you solve your water supply and force main pipe problems.

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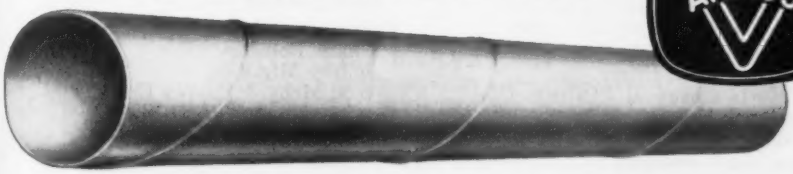

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Crane Co., *Distr.*
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Mueller Co.
Sherman Mach. & Iron Works
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Well Mchy & Supply Co., *Distr.*

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National Water Main Cleaning Co.
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Chase Brass & Copper Co., Inc.
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Farnan Brass Works Co.
Grinnell Co., *Distr.*
Hays Mfg. Co.
McDonald, A. Y., Mfg. Co.
Mueller Co.
Pensinger, L. C., & Son, *Distr.*
Red Hed Mfg. Co.
Sherman Mach. & Iron Works, *Distr.*
Smith, A. P., Mfg. Co. *p. 48*
Smith-Blair, Inc., *Distr.*
Water Works Supply Co., *Distr.*
Well Mchy & Supply Co., *Distr.*

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National Aluminate Corp.
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Hydraulic Supply Mfg. Co.
Well Mchy & Supply Co., *Distr.*

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Sherman Mach. & Iron Works, *Distr.*
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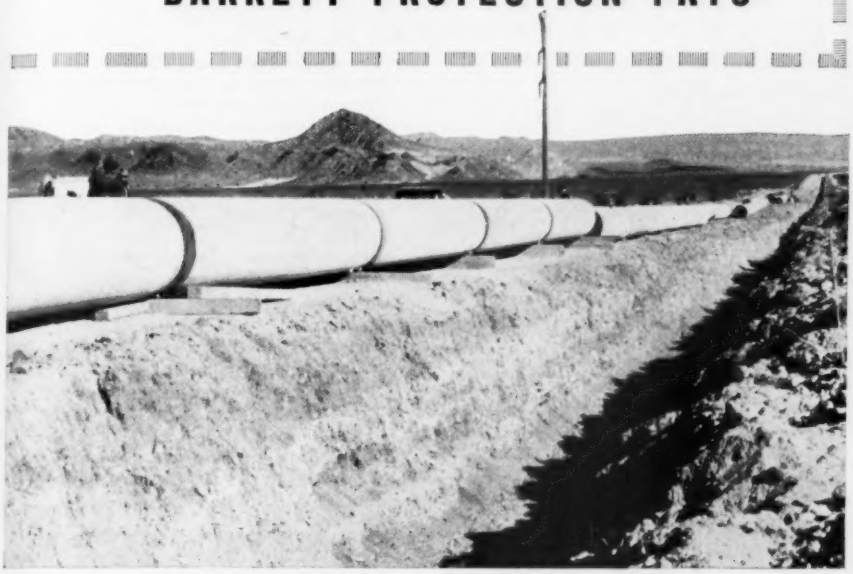

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De Laval Steam Turbine Co. *p. 29*
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Smith-Blair, Inc.
Well Mchy & Supply Co., *Distr.*

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Edson Corp. *p. 42*
Pollard, Joseph G., Co., Inc., *Distr.*
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**Engines, Gas**
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**Engineers and Chemists**
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Dayton Foundry, Inc.
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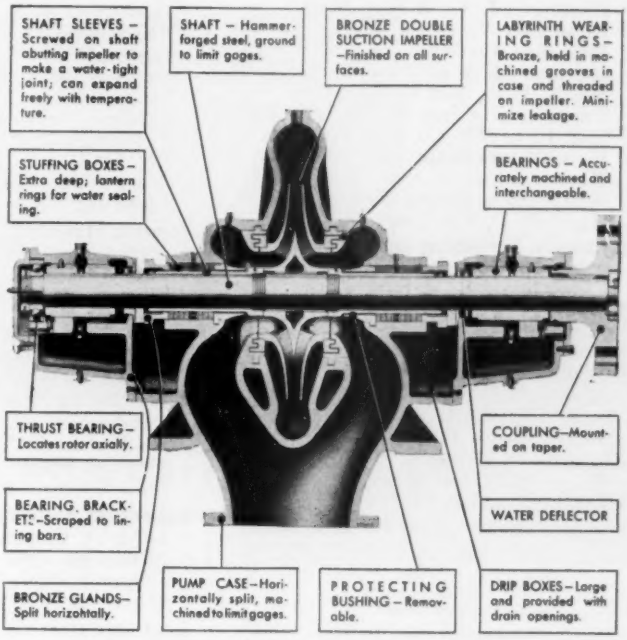


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## PRODUCTS

**Steam Turbines: Pumps—Centrifugal; Propeller; Mixed-flow; Rotary Displacement; Centrifugal Blowers and Compressors; Helical Gears; Worm Gears; Hydraulic Turbines; Pump Priming Systems; and Flexible Couplings.**

**De Laval Geared Turbine Driven Centrifugal Pumps** lift water at the lowest total cost, including operating expense and capital charges on machinery, foundations and buildings. The aggregate capacity of De Laval Pumps supplied to American water works exceeds 18 billion gallons per day, sufficient to supply the entire population.

**De Laval Electric Motor Driven Centrifugal Pumps** have a power limiting characteristic so that oversized motors are not necessary. The low starting torque also favors the use of self-starting synchronous motors. De Laval motor-driven centrifugal pumps have developed overall wire to water efficiencies of 88 per cent. High efficiency is sustained by the use of LABYRINTH WEARING RINGS.

The **De Laval Clogless Pump** for sewage has large, open, direct passages, of correct hydraulic design. The casing is split horizontally, making the interior quickly accessible without disturbing piping.

**De Laval Propeller and Mixed Flow Pumps** running at electric motor or steam turbine speeds deliver large volumes against heads up to 40 ft., with efficiencies comparable to those of centrifugal pumps.

**De Laval Centrifugal Compressors** are extensively used in the activated sludge process of sewage treatment.

**All De Laval apparatus** is built to limit gages on an interchangeable basis. Each unit is fully guaranteed as to head-delivery and efficiency characteristics.

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Smith, A. P., Mfg. Co. *p. 48*
Traverse City Iron Works
Vogt Bros. Mfg. Co. *p. 47*
Water Works Supply Co., *Distr.*
Waterous Co.
Well Mchy & Supply Co., *Distr.*
Wood, R. D., Co. *Cover 2*

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Smith, A. P., Mfg. Co. *p. 48*
Water Works Supply Co., *Distr.*
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Hooker Electrochemical Co.
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National Soap & Chem. Co., *Distr.*
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Pennsylvania Salt Mfg. Co. *p. 39*
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Permutit Co. *p. 41*
Phipps & Bird, Inc., *Distr.*

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Omega Machine Co.
Permutit Co. *p. 41*
Phipps & Bird, Inc.
Proportioneers, Inc. *p. 43*
Sherman Mach. & Iron Works, *Distr.*
Wallace & Tiernan Co., Inc. *p. 20*

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Smith, A. P., Mfg. Co. *p. 48*

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Gurley, W. & L. E.

**Instruments, Indicating and Recording**
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Permutit Co. *p. 41*
Pitometer Co.
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Mississippi Lime Co.
Phipps & Bird, Inc., *Distr.*
Stuart-Brumley Corp., *Distr.*

**Leak Detectors**
Clark, H. W., Co.
Edson Corp. *p. 42*
Ferguson, S. F. *p. 47*
Fisher Research Lab.
Nutting, H. C., Co.
Pollard, Joseph G., Co., Inc., *Distr.*
Water Leak Detector Co.
Water Works Supply Co., *Distr.*

**Lime (Hydrated)**
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Dixie Lime Products Co.
Limestone Prod. Corp. of Am. *p. 44*
Mississippi Lime Co.

**Lime (Oxide)**
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Mississippi Lime Co.

**Lime Putty Plants**
Chicago Bridge & Iron Co. *p. 33*

**Lime Slakers and Feeders**
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Dorr Co., Inc. *p. 31*
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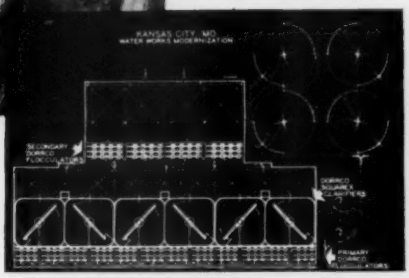
Omega Machine Co.
Proportioneers, Inc. *p. 43*

**Locators, Pipe** (*See Pipe Locators*)

**Meter Boxes**
American Foundry & Mfg. Co.
Baker, R. H., & Co., Inc., *Distr.*

# THE KANSAS CITY WATER WORKS

◀ Kansas City Water Works today. In foreground plain basins to be Dorr-equipped. In background, existing Dorr Clarifiers for presedimentation.




▲ Details of the modernization program.

***Primary Flocculation***—6 units of Dorrco Flocculators (each 165′ × 55′ × 18′)

***Secondary Flocculation*** — 2 units of Dorrco Flocculators (each 257′ × 54′ × 17′)

***Secondary Sedimentation***—6 Dorrco Squarex Clarifiers (155′ square × 15′4″ side depth)

**Cons. Engrs: Black & Veatch**
**Burns & McDonnell**

## Modernized with Dorr Clarifiers & Flocculators for 100-150 M.G.D. of Softening

★ Away back in 1926, we supplied Kansas City, Missouri, with 4 Dorr Clarifiers, each 200 feet in diameter, for presettling raw Missouri River water ahead of plain coagulation and filtration.

Now in 1942, Kansas City is modernizing—going to softening, too—installing flexible Dorr units for continuous flocculation and sedimentation in the existing plain basins. All this at a small fraction of the cost of a new installation with new tanks.

Dorrco Squarex Clarifiers and Flocculators are ideal running mates in old plants as well as in new ones. Square sedimentation units, installed thus in multiple, mean inexpensive unit tank construction—a pleasing compact layout—and a minimum of interconnecting pipe lines and channels.

● *Water works served now by plain basins can profit from a Dorr modernization program. Size and shape of existing tanks are no handicaps to Dorr Clarifiers and Flocculators.*

### DORR EQUIPMENT FOR WATER TREATMENT

**Addition of Chemicals**
- **The Dorrco Flash Mixer**

**Flocculation**
- **The Dorrco Flocculator**

**Sedimentation**
- **ROUND TANKS**
  **The Dorr Sifeed Clarifier**
- **SQUARE TANKS**
  **The Dorr Squarex Clarifier**
- **RECTANGULAR TANKS**
- **The Dorrco Monorake**

**Sludge Pumping**
- **The Barnes-Dorrco Pump**

**The DORR COMPANY Inc.**

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Clow, James B., & Sons, *Distr.*
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Thomson Meter Co.
Water Works Supply Co., *Distr.*
Well Mchy & Supply Co., *Distr.*
Worthington-Gamon Meter Co. *p. 51*

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**Meter Reading and Record Books**
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Pittsburgh Equitable Meter Co. *p. 58*

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Mueller Co.
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Buffalo Meter Co. *p. 44*
Builders-Providence, Inc. *p. 27*
Clow, James B., & Sons, *Distr.*
Foxboro Co.
Gurley, W. & L. E.
Hanks, Fred W., Co. (*Meter Parts*)
Hersey Mfg. Co.
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Pittsburgh Equitable Meter Co. *p. 58*
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Bethlehem Steel Co.
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Chicago Bridge & Iron Co. *p. 33*
Consolidated Steel Corp., Ltd.

# STEEL TANKS
## in Municipal Service

Elevated steel tanks and flat-bottom steel reservoirs are helping private water companies and municipal waterworks systems all over the country to meet the increasing demands of both domestic and industrial consumers. They also provide reserves for fire protection equally necessary in the maintenance of a high production of war materials.

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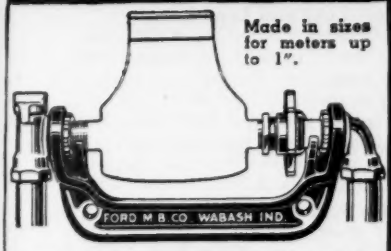
*500,000-gal. radial-cone elevated water tank with tubular columns.*

# FORD YOKES

FOR RISER SETTINGS . . FOR ANGLE SETTINGS . . FOR LINE SETTING

**MAKE EASY METER CHANGES**

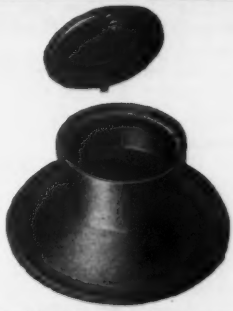



Made in sizes for meters up to 1".

Ford Yokes connect inlet and outlet service pipes permanently and make easy, trouble-free meter changes. May include an inverted ground-key angle valve at the meter inlet. Made for all types of piping connections. Hundreds of thousands in service. Further information for the asking.

The Ford Meter Box Co.
WABASH, INDIANA

# DOUBLE-LID
## METER BOX COVERS



Ford double-lid meter box covers provide dead-air insulation in neck of cover and conserve heat in the meter box. Top lids are provided with the Ford Worm Lock. Write for catalog of meter box covers, double and single lid.

The Ford Meter Box Co.
WABASH, INDIANA

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Smith, S. Morgan, Co. *p. 10*

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Ruberoid Co.

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Central Foundry Co.
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Well Mchy & Supply Co., *Distr.*

**Publications**
American City
Engineering News-Record
Public Works
Water Works & Sewerage
Water Works Engineering
Western City

**Pumps, Centrifugal**
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Wallace & Tiernan Co., Inc. *p. 20*

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Layne & Bowler, Inc.
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Peerless Pump Div.
Pomona Pump Co.
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Well Mchy & Supply Co., *Distr.*

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Well Mchy & Supply Co., *Distr.*

**Pumps, Hydraulic Booster**
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Ross Valve Mfg. Co.
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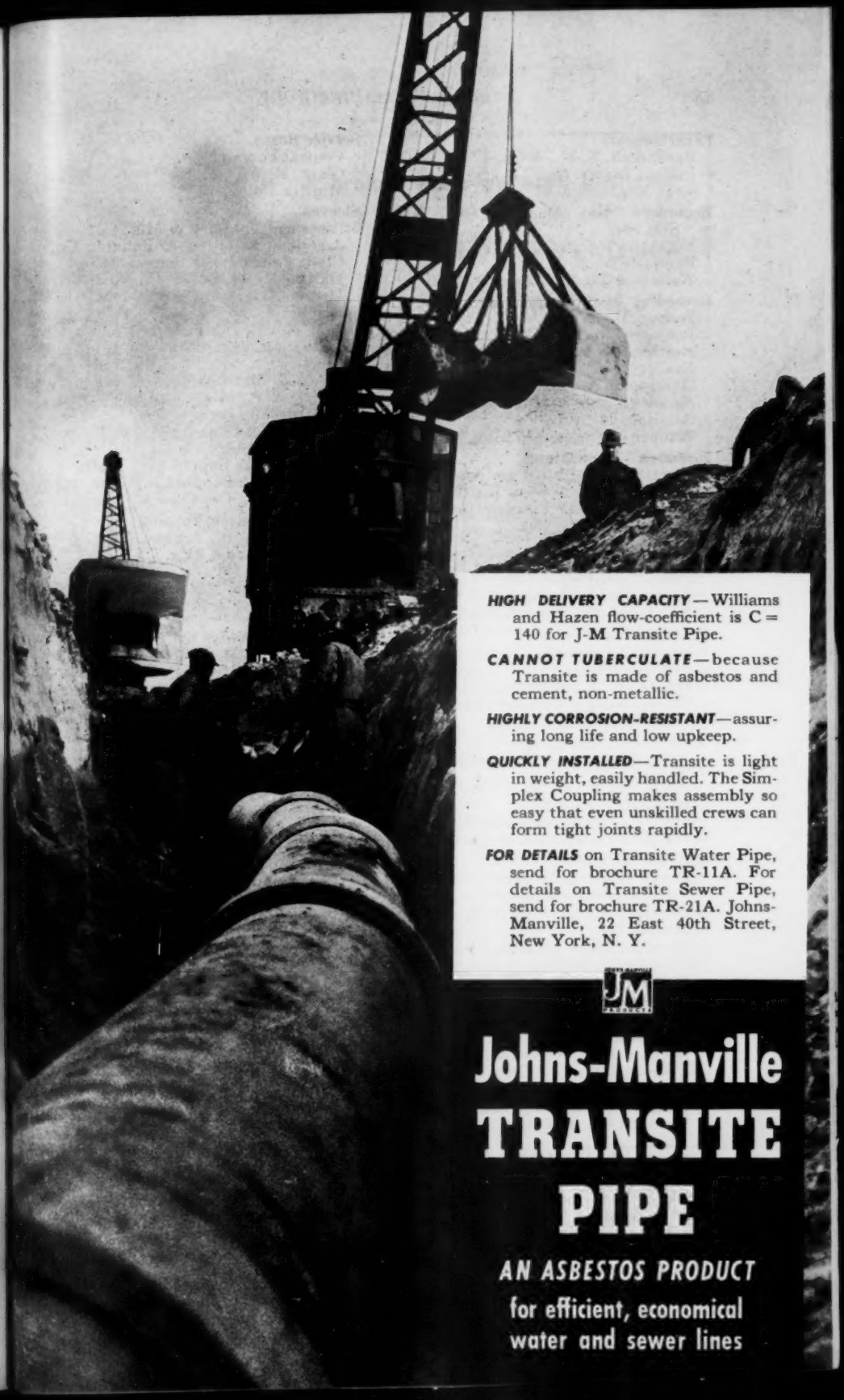


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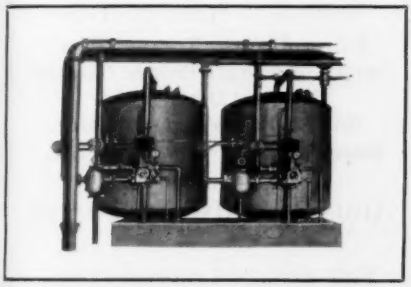

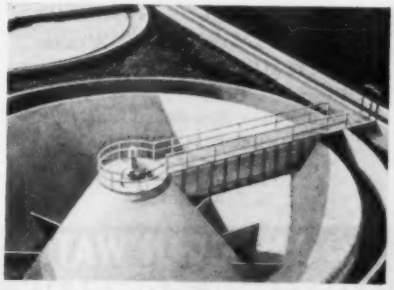

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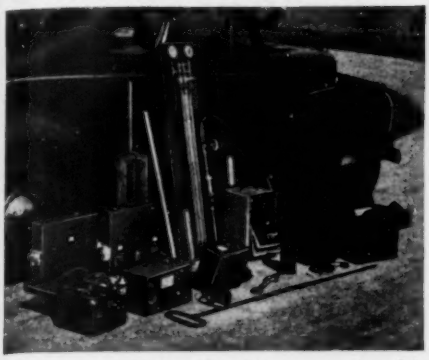

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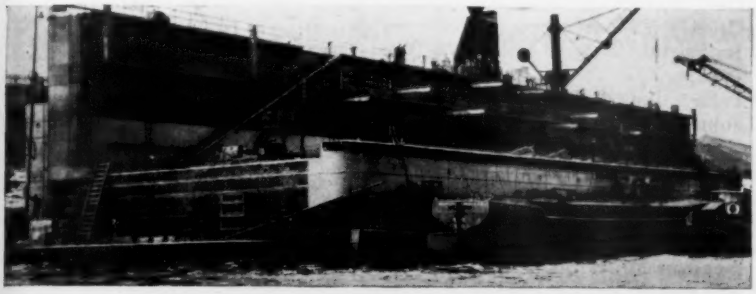

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**STANDARD METHODS FOR THE EXAMINATION OF WATER AND SEWAGE.**—Published jointly by the A. W. W. A. and the American Public Health Association with collaboration of the American Chemical Society. Eighth Edition, 1936. Cloth bound, 300 pages. Available through the American Public Health Association, 1790 Broadway, New York, N. Y., at $2.50 per copy.

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